

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056474.D
 Acq On : 25 Jun 2019 10:25
 Operator : JC/SP
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:17 AM

Quant Time: Jun 26 04:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	352995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201092	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.59	113	178195	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.09	98	660834	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	216236	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	58454	19.557	ug/l	97
3) Chloromethane	2.06	50	77165	18.960	ug/l	99
4) Vinyl Chloride	2.18	62	76838	19.548	ug/l	98
5) Bromomethane	2.53	94	49568m	21.510	ug/l	
6) Chloroethane	2.68	64	44998	19.767	ug/l	96
7) Trichlorofluoromethane	3.00	101	101544	19.970	ug/l	98
8) Diethyl Ether	3.41	74	42425	19.715	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	64720	19.959	ug/l	99
10) Methyl Iodide	3.95	142	79664	18.177	ug/l	100
11) Tert butyl alcohol	4.80	59	81128	123.121	ug/l	97
12) 1,1-Dichloroethene	3.73	96	60868	19.520	ug/l	98
13) Acrolein	3.60	56	41022	73.866	ug/l	98
14) Allyl chloride	4.32	41	106371	20.492	ug/l	99
15) Acrylonitrile	4.99	53	189526	103.968	ug/l	98
16) Acetone	3.82	43	197460	100.739	ug/l	99
17) Carbon Disulfide	4.05	76	122507	17.273	ug/l	99
18) Methyl Acetate	4.33	43	83646	21.290	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	209580	20.311	ug/l	98
20) Methylene Chloride	4.55	84	74228	19.546	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	64529	19.194	ug/l	96
22) Diisopropyl ether	5.95	45	221894	20.354	ug/l	97
23) Vinyl Acetate	5.90	43	906690	105.450	ug/l	100
24) 1,1-Dichloroethane	5.85	63	125975	20.131	ug/l	99
25) 2-Butanone	6.84	43	265077	102.180	ug/l	100
26) 2,2-Dichloropropane	6.82	77	87106	20.014	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	80879	20.562	ug/l	100
28) Bromochloromethane	7.20	49	61838	19.978	ug/l	97
29) Tetrahydrofuran	7.21	42	169231	106.748	ug/l	98
30) Chloroform	7.37	83	125457	20.317	ug/l	100
31) Cyclohexane	7.65	56	114055	18.879	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	100303	20.493	ug/l	99
36) 1,1-Dichloropropene	7.79	75	92386	19.105	ug/l	99
37) Ethyl Acetate	6.93	43	100354	21.117	ug/l #	92
38) Carbon Tetrachloride	7.77	117	82530	19.517	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056474.D
 Acq On : 25 Jun 2019 10:25
 Operator : JC/SP
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:17 AM

Quant Time: Jun 26 04:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	108334	18.156	ug/l	99
40) Benzene	8.04	78	291484	19.596	ug/l	100
41) Methacrylonitrile	7.18	41	43405	20.684	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	98299	20.025	ug/l	100
43) Isopropyl Acetate	8.17	43	150893	20.592	ug/l #	92
44) Trichloroethene	8.84	130	77864	19.433	ug/l	99
45) 1,2-Dichloropropane	9.12	63	79023	19.865	ug/l	100
46) Dibromomethane	9.21	93	50108	20.133	ug/l	99
47) Bromodichloromethane	9.40	83	90078	20.407	ug/l	99
48) Methyl methacrylate	9.20	41	74055	20.167	ug/l	99
49) 1,4-Dioxane	9.20	88	33298	436.955	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	484071	102.348	ug/l	100
52) Toluene	10.16	92	178414	19.619	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	89824	19.353	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	108691	20.448	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	75141	20.556	ug/l	98
56) Ethyl methacrylate	10.43	69	108176	20.250	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122590	19.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	164117	85.515	ug/l	100
59) 2-Hexanone	10.75	43	351368	101.080	ug/l	99
60) Dibromochloromethane	10.90	129	68754	19.809	ug/l	100
61) 1,2-Dibromoethane	11.00	107	75731	20.285	ug/l	99
64) Tetrachloroethene	10.63	164	76120	20.070	ug/l	99
65) Chlorobenzene	11.43	112	190406	19.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	69199	21.275	ug/l	99
67) Ethyl Benzene	11.51	91	333068	19.711	ug/l	98
68) m/p-Xylenes	11.62	106	249191	40.240	ug/l	99
69) o-Xylene	11.95	106	124140	20.262	ug/l	97
70) Styrene	11.96	104	196714	20.087	ug/l	99
71) Bromoform	12.13	173	47063	19.951	ug/l #	98
73) Isopropylbenzene	12.25	105	327789	22.289	ug/l	100
74) N-amyl acetate	12.07	43	120104	20.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102884	22.411	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	83311m	21.892	ug/l	
77) Bromobenzene	12.53	156	83947	20.456	ug/l	100
78) n-propylbenzene	12.59	91	337805	20.099	ug/l	100
79) 2-Chlorotoluene	12.67	91	212017	21.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	263770	21.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	22743	21.240	ug/l	97
82) 4-Chlorotoluene	12.77	91	195335	19.684	ug/l	100
83) tert-Butylbenzene	12.99	119	239612	22.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	246795	19.975	ug/l	100
85) sec-Butylbenzene	13.17	105	300359	20.332	ug/l	100
86) p-Isopropyltoluene	13.29	119	254425	20.068	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123525	19.862	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116021	19.263	ug/l	99
89) n-Butylbenzene	13.61	91	173461	18.074	ug/l	100
90) Hexachloroethane	13.87	117	41088	20.788	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	122458	19.846	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13233	19.486	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
Data File : VN056474.D
Acq On : 25 Jun 2019 10:25
Operator : JC/SP
Sample : VN0625WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations
APPROVED

MMDadoda
6/26/2019 9:28:17 AM

Quant Time: Jun 26 04:07:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37813	16.061	ug/l	97
94) Hexachlorobutadiene	15.01	225	46269	21.039	ug/l	98
95) Naphthalene	15.13	128	107740	16.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46767	17.269	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056474.D
 Acq On : 25 Jun 2019 10:25
 Operator : JC/SP
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:17 AM

Quant Time: Jun 26 04:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

