

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056372.D
 Acq On : 19 Jun 2019 8:53
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:01 PM

Quant Time: Jun 21 03:45:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	556981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	2970	0.960	ug/l	96
3) Chloromethane	2.06	50	4453	1.057	ug/l	93
4) Vinyl Chloride	2.18	62	4086	1.004	ug/l	98
6) Chloroethane	2.66	64	2178	0.924	ug/l	95
7) Trichlorofluoromethane	2.99	101	5541	1.053	ug/l	97
8) Diethyl Ether	3.41	74	2237	1.004	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3585	1.068	ug/l	92
12) 1,1-Dichloroethene	3.73	96	3210	0.995	ug/l	88
14) Allyl chloride	4.31	41	5196	0.967	ug/l	95
15) Acrylonitrile	5.00	53	9200m	4.876	ug/l	
16) Acetone	3.82	43	10528	5.190	ug/l	96
17) Carbon Disulfide	4.03	76	7185	0.979	ug/l	97
18) Methyl Acetate	4.33	43	9594m	1.888	ug/l	
19) Methyl tert-butyl Ether	5.05	73	10795	1.011	ug/l	98
20) Methylene Chloride	4.55	84	5443	1.305	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	3601m	1.035	ug/l	
22) Diisopropyl ether	5.95	45	11527	1.022	ug/l #	86
23) Vinyl Acetate	5.90	43	37494	4.213	ug/l	96
24) 1,1-Dichloroethane	5.85	63	6537	1.009	ug/l #	84
25) 2-Butanone	6.85	43	12267	4.569	ug/l	92
26) 2,2-Dichloropropane	6.81	77	4617	1.025	ug/l #	70
27) cis-1,2-Dichloroethene	6.82	96	3970	0.975	ug/l	88
28) Bromochloromethane	7.19	49	3597m	1.123	ug/l	
29) Tetrahydrofuran	7.22	42	7688m	4.686	ug/l	
30) Chloroform	7.37	83	6565	1.027	ug/l	86
32) 1,1,1-Trichloroethane	7.56	97	4869	0.961	ug/l #	48
36) 1,1-Dichloropropene	7.79	75	5723	1.167	ug/l #	87
37) Ethyl Acetate	6.94	43	4076	0.846	ug/l #	88
38) Carbon Tetrachloride	7.77	117	4272	0.996	ug/l	84
39) Methylcyclohexane	9.08	83	6270	1.036	ug/l	95
40) Benzene	8.04	78	15971	1.059	ug/l	91
41) Methacrylonitrile	7.18	41	1761	0.828	ug/l #	93
42) 1,2-Dichloroethane	8.12	62	5481	1.101	ug/l	79
43) Isopropyl Acetate	8.17	43	6613	0.890	ug/l #	66

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056372.D
 Acq On : 19 Jun 2019 8:53
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:01 PM

Quant Time: Jun 21 03:45:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	4171	1.027	ug/l	90
45) 1,2-Dichloropropane	9.11	63	4169	1.034	ug/l	98
46) Dibromomethane	9.21	93	2453	0.972	ug/l	96
47) Bromodichloromethane	9.40	83	4056	0.906	ug/l	99
48) Methyl methacrylate	9.21	41	3469	0.932	ug/l	97
49) 1,4-Dioxane	9.20	88	1592m	20.605	ug/l	
51) 4-Methyl-2-Pentanone	9.98	43	21936	4.575	ug/l	99
52) Toluene	10.15	92	9512	1.032	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	3285	0.728	ug/l #	81
54) cis-1,3-Dichloropropene	9.84	75	4381	0.813	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	3625	0.978	ug/l	92
56) Ethyl methacrylate	10.43	69	4262	0.787	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	5870	0.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	7871	4.045	ug/l	98
59) 2-Hexanone	10.75	43	16306	4.627	ug/l	88
60) Dibromochloromethane	10.90	129	2594	0.771	ug/l	97
61) 1,2-Dibromoethane	11.00	107	3493	0.923	ug/l	98
64) Tetrachloroethene	10.63	164	4067	1.092	ug/l	93
65) Chlorobenzene	11.43	112	9862	1.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	2794	0.875	ug/l #	66
67) Ethyl Benzene	11.51	91	17495	1.054	ug/l	95
68) m/p-Xylenes	11.62	106	11503	1.892	ug/l	93
69) o-Xylene	11.95	106	5877	0.977	ug/l	94
70) Styrene	11.96	104	8111	0.843	ug/l	97
71) Bromoform	12.13	173	1633	0.737	ug/l #	100
73) Isopropylbenzene	12.25	105	14868	1.241	ug/l	98
74) N-amyl acetate	12.07	43	4897	1.131	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	4782	1.279	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	2704m	0.958	ug/l	
77) Bromobenzene	12.53	156	3597	1.182	ug/l	86
78) n-propylbenzene	12.59	91	14130	1.134	ug/l	99
79) 2-Chlorotoluene	12.67	91	9674	1.229	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	11709	1.199	ug/l	96
82) 4-Chlorotoluene	12.77	91	8521	1.158	ug/l	99
83) tert-Butylbenzene	12.99	119	12192	1.366	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	10266	1.121	ug/l	92
85) sec-Butylbenzene	13.17	105	12805	1.169	ug/l	96
86) p-Isopropyltoluene	13.29	119	9961	1.060	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4740	1.028	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	4929m	1.104	ug/l	
89) n-Butylbenzene	13.61	91	7371	1.036	ug/l	95
90) Hexachloroethane	13.87	117	1655	1.129	ug/l	83
91) 1,2-Dichlorobenzene	13.65	146	4725	1.033	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	435	0.864	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	1504	0.786	ug/l	81
94) Hexachlorobutadiene	15.01	225	2147	1.225	ug/l	95
95) Naphthalene	15.13	128	3647	0.723	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1637	0.789	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
Data File : VN056372.D
Acq On : 19 Jun 2019 8:53
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
6/21/2019 10:52:01 PM

Quant Time: Jun 21 03:45:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

