

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056001.D
 Acq On : 5 Jun 2019 11:36
 Operator : JC/SP
 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:04:47 PM

Quant Time: Jun 06 01:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	353861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	177885	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	161278	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.09	98	621906	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	205411	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	76243	19.828	ug/l	97
3) Chloromethane	2.06	50	80524	20.992	ug/l	97
4) Vinyl Chloride	2.18	62	80495	20.920	ug/l	100
5) Bromomethane	2.53	94	53304	21.931	ug/l	99
6) Chloroethane	2.68	64	46303	20.755	ug/l	96
7) Trichlorofluoromethane	3.00	101	96759	19.698	ug/l	98
8) Diethyl Ether	3.40	74	40266	19.934	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	60300	20.209	ug/l	99
10) Methyl Iodide	3.94	142	89406	18.855	ug/l	99
11) Tert butyl alcohol	4.82	59	58984	96.469	ug/l	99
12) 1,1-Dichloroethene	3.72	96	59012	19.865	ug/l	95
13) Acrolein	3.60	56	15844	89.848	ug/l	99
14) Allyl chloride	4.31	41	89828	19.150	ug/l	99
15) Acrylonitrile	4.99	53	156638	105.239	ug/l	99
16) Acetone	3.82	43	147929	88.031	ug/l	98
17) Carbon Disulfide	4.04	76	132272	18.597	ug/l	100
18) Methyl Acetate	4.33	43	68081	20.282	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	190252	20.092	ug/l	99
20) Methylene Chloride	4.54	84	68084	19.666	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	62999	19.793	ug/l	95
22) Diisopropyl ether	5.95	45	189846	19.579	ug/l	98
23) Vinyl Acetate	5.90	43	771988	101.099	ug/l	99
24) 1,1-Dichloroethane	5.84	63	110354	19.730	ug/l	99
25) 2-Butanone	6.84	43	211351	99.546	ug/l	96
26) 2,2-Dichloropropane	6.82	77	80613	18.470	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	73338	19.602	ug/l	98
28) Bromochloromethane	7.19	49	53471	20.215	ug/l	96
29) Tetrahydrofuran	7.22	42	133857	101.994	ug/l	96
30) Chloroform	7.37	83	110227	19.590	ug/l	99
31) Cyclohexane	7.65	56	105738	18.966	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	91851	19.548	ug/l	100
36) 1,1-Dichloropropene	7.79	75	82812	18.716	ug/l	100
37) Ethyl Acetate	6.93	43	82658	20.996	ug/l	99
38) Carbon Tetrachloride	7.77	117	77974	19.114	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056001.D
 Acq On : 5 Jun 2019 11:36
 Operator : JC/SP
 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:04:47 PM

Quant Time: Jun 06 01:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	104926	19.036	ug/l	96
40) Benzene	8.04	78	265209	19.734	ug/l	99
41) Methacrylonitrile	7.18	41	41903	23.133	ug/l	96
42) 1,2-Dichloroethane	8.12	62	83938	19.417	ug/l	99
43) Isopropyl Acetate	8.17	43	125267	19.635	ug/l	97
44) Trichloroethene	8.83	130	74635	19.327	ug/l	99
45) 1,2-Dichloropropane	9.12	63	66560	19.336	ug/l	100
46) Dibromomethane	9.21	93	44125	19.603	ug/l	97
47) Bromodichloromethane	9.40	83	78974	19.358	ug/l	99
48) Methyl methacrylate	9.20	41	60484	19.379	ug/l	95
49) 1,4-Dioxane	9.20	88	27719	411.376	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	405108	101.543	ug/l	99
52) Toluene	10.15	92	168366	20.133	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	81255	18.571	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	97417	19.865	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	65107	19.655	ug/l	98
56) Ethyl methacrylate	10.43	69	98346	20.351	ug/l	99
57) 1,3-Dichloropropane	10.71	76	107844	20.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	164316	95.530	ug/l	99
59) 2-Hexanone	10.75	43	284384	98.351	ug/l	99
60) Dibromochloromethane	10.90	129	63060	18.866	ug/l	98
61) 1,2-Dibromoethane	11.00	107	68514	20.232	ug/l	98
64) Tetrachloroethene	10.63	164	76636	19.256	ug/l	99
65) Chlorobenzene	11.43	112	177632	19.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	62500	19.781	ug/l	99
67) Ethyl Benzene	11.51	91	310692	19.527	ug/l	99
68) m/p-Xylenes	11.62	106	239736	39.441	ug/l	98
69) o-Xylene	11.95	106	119519	19.990	ug/l	98
70) Styrene	11.96	104	189484	19.946	ug/l	100
71) Bromoform	12.13	173	42964	18.051	ug/l #	97
73) Isopropylbenzene	12.25	105	311895	21.570	ug/l	100
74) N-amyl acetate	12.07	43	107334	21.115	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	90608	20.468	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	74676m	21.282	ug/l	
77) Bromobenzene	12.53	156	81910	20.062	ug/l	97
78) n-propylbenzene	12.59	91	321111	19.904	ug/l	100
79) 2-Chlorotoluene	12.67	91	198005	20.770	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	253856	19.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20505	19.461	ug/l	90
82) 4-Chlorotoluene	12.77	91	186065	19.714	ug/l	100
83) tert-Butylbenzene	12.99	119	227162	21.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	244673	20.123	ug/l	99
85) sec-Butylbenzene	13.17	105	283499	19.843	ug/l	100
86) p-Isopropyltoluene	13.29	119	251268	19.651	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	123754	19.585	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116609	19.184	ug/l	99
89) n-Butylbenzene	13.61	91	178497	18.845	ug/l	100
90) Hexachloroethane	13.87	117	36816	19.092	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	124408	19.501	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13119	20.719	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
Data File : VN056001.D
Acq On : 5 Jun 2019 11:36
Operator : JC/SP
Sample : VN0605WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Manual Integrations
APPROVED

MMDadoda
6/6/2019 12:04:47 PM

Quant Time: Jun 06 01:40:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49654	17.188	ug/l	99
94) Hexachlorobutadiene	15.01	225	45130	19.347	ug/l	97
95) Naphthalene	15.13	128	138116	17.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57174	18.022	ug/l	99

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

