

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064268.D
 Acq On : 22 Oct 2020 22:26
 Operator : JC/MD
 Sample : VN1022WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:36:20 PM

Quant Time: Oct 23 03:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	251836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197006	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.55	113	135570	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.06	98	488487	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.38	95	195877	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59222	19.732	ug/l	97
3) Chloromethane	2.04	50	59815	20.550	ug/l	97
4) Vinyl Chloride	2.16	62	57944	20.080	ug/l	99
5) Bromomethane	2.53	94	37443	19.906	ug/l	97
6) Chloroethane	2.68	64	32719	18.625	ug/l	95
7) Trichlorofluoromethane	2.99	101	100909	21.264	ug/l	100
8) Diethyl Ether	3.38	74	32452	20.673	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47650	19.418	ug/l	98
10) Methyl Iodide	3.91	142	63701	18.255	ug/l	100
11) Tert butyl alcohol	4.73	59	49559	98.993	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	44741	18.956	ug/l	97
13) Acrolein	3.57	56	25594	81.442	ug/l	96
14) Allyl chloride	4.28	41	92760	19.636	ug/l	99
15) Acrylonitrile	4.93	53	106778	103.146	ug/l	95
16) Acetone	3.78	43	109725	102.538	ug/l	98
17) Carbon Disulfide	4.01	76	131667	19.557	ug/l	99
18) Methyl Acetate	4.28	43	56508	20.723	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	163085	20.098	ug/l	97
20) Methylene Chloride	4.50	84	54393	19.062	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	50994	19.593	ug/l	91
22) Diisopropyl ether	5.90	45	172752	19.672	ug/l	94
23) Vinyl Acetate	5.85	43	771762	98.545	ug/l	99
24) 1,1-Dichloroethane	5.80	63	104305	20.503	ug/l	98
25) 2-Butanone	6.78	43	166789	98.104	ug/l	97
26) 2,2-Dichloropropane	6.78	77	88705	17.515	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58181	19.195	ug/l	97
28) Bromochloromethane	7.15	49	43341	17.933	ug/l	96
29) Tetrahydrofuran	7.16	42	103877	102.143	ug/l	100
30) Chloroform	7.33	83	110121	20.293	ug/l	99
31) Cyclohexane	7.61	56	82792	18.674	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	101798	20.025	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78108	18.957	ug/l	98
37) Ethyl Acetate	6.88	43	73512	19.651	ug/l	99
38) Carbon Tetrachloride	7.73	117	91370	19.491	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69961	18.674	ug/l	95
40) Benzene	8.00	78	216720	19.055	ug/l	100
41) Methacrylonitrile	7.12	41	37614	19.168	ug/l	95
42) 1,2-Dichloroethane	8.09	62	95538	19.608	ug/l	99
43) Isopropyl Acetate	8.13	43	132829	19.052	ug/l #	91
44) Trichloroethene	8.80	130	60097	19.390	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60311	19.863	ug/l	94
46) Dibromomethane	9.17	93	40451	19.840	ug/l	96
47) Bromodichloromethane	9.37	83	88643	19.679	ug/l	97
48) Methyl methacrylate	9.17	41	68119	18.704	ug/l	96
49) 1,4-Dioxane	9.16	88	17444	409.361	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	377526	101.319	ug/l	98
52) Toluene	10.12	92	141875	19.495	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	97716	19.528	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98950	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	53721	19.545	ug/l	95
56) Ethyl methacrylate	10.40	69	83805	19.719	ug/l	98
57) 1,3-Dichloropropane	10.68	76	93582	19.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	207633	94.876	ug/l	100
59) 2-Hexanone	10.72	43	268210	98.563	ug/l	99
60) Dibromochloromethane	10.87	129	65675	18.457	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55973	19.298	ug/l	96
64) Tetrachloroethene	10.60	164	59988	19.701	ug/l	93
65) Chlorobenzene	11.41	112	148088	18.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	59797	19.242	ug/l	99
67) Ethyl Benzene	11.48	91	274263	19.062	ug/l	98
68) m/p-Xylenes	11.59	106	197921	37.127	ug/l	97
69) o-Xylene	11.92	106	97906	18.990	ug/l	95
70) Styrene	11.94	104	161340	18.669	ug/l	97
71) Bromoform	12.10	173	45587	18.989	ug/l #	98
73) Isopropylbenzene	12.22	105	259915	19.280	ug/l	97
74) N-amyl acetate	12.04	43	111913	19.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70528	19.715	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	70705m	18.975	ug/l	
77) Bromobenzene	12.50	156	61965	19.471	ug/l	96
78) n-propylbenzene	12.57	91	295184	19.421	ug/l	100
79) 2-Chlorotoluene	12.65	91	188173	20.156	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	223747	19.633	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	27615	18.711	ug/l	95
82) 4-Chlorotoluene	12.75	91	192216	19.738	ug/l	100
83) tert-Butylbenzene	12.97	119	178893	19.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	223278	19.684	ug/l	100
85) sec-Butylbenzene	13.14	105	227953	19.351	ug/l	98
86) p-Isopropyltoluene	13.26	119	213774	19.929	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	109740	19.379	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	110760	19.109	ug/l	97
89) n-Butylbenzene	13.59	91	183909	19.126	ug/l	99
90) Hexachloroethane	13.85	117	37924	19.521	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	107683	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18881	21.156	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61093	19.607	ug/l	99
94) Hexachlorobutadiene	14.98	225	33117	19.706	ug/l	98
95) Naphthalene	15.10	128	179472	19.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	58716	19.027	ug/l	98

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

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