

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064222.D
 Acq On : 21 Oct 2020 15:29
 Operator : JC/MD
 Sample : VN1021WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 11:28:40 AM

Quant Time: Oct 22 01:57:07 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	7.63	168	287154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222428	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	160186	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.06	98	571042	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	222844	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65750	19.233	ug/l	94
3) Chloromethane	2.04	50	64571	19.456	ug/l	97
4) Vinyl Chloride	2.16	62	63558	19.316	ug/l	97
5) Bromomethane	2.54	94	40762	19.005	ug/l	98
6) Chloroethane	2.67	64	37480	18.711	ug/l	97
7) Trichlorofluoromethane	2.98	101	108102	19.978	ug/l	95
8) Diethyl Ether	3.38	74	34386	19.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52553	18.782	ug/l	98
10) Methyl Iodide	3.91	142	67688	17.011	ug/l	99
11) Tert butyl alcohol	4.73	59	52702	92.323	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50100	18.616	ug/l	96
13) Acrolein	3.57	56	29565	82.507	ug/l	99
14) Allyl chloride	4.28	41	102137	18.962	ug/l	97
15) Acrylonitrile	4.94	53	109140	92.461	ug/l	99
16) Acetone	3.78	43	119844	98.220	ug/l	92
17) Carbon Disulfide	4.01	76	143242	18.659	ug/l	99
18) Methyl Acetate	4.28	43	56937	18.312	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	176368	19.062	ug/l	98
20) Methylene Chloride	4.51	84	55879	17.175	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	55124	18.575	ug/l	96
22) Diisopropyl ether	5.91	45	184215	18.397	ug/l	97
23) Vinyl Acetate	5.85	43	844908	94.616	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112262	19.353	ug/l	99
25) 2-Butanone	6.78	43	182351	94.065	ug/l	98
26) 2,2-Dichloropropane	6.77	77	111242	19.263	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	62348	18.040	ug/l	95
28) Bromochloromethane	7.15	49	54985	19.953	ug/l	98
29) Tetrahydrofuran	7.17	42	107745	92.916	ug/l	98
30) Chloroform	7.33	83	115236	18.624	ug/l	99
31) Cyclohexane	7.61	56	93443	18.484	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	110762	19.109	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86470	18.307	ug/l	99
37) Ethyl Acetate	6.88	43	78520	18.309	ug/l	97
38) Carbon Tetrachloride	7.73	117	101485	18.884	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78935	18.379	ug/l	97
40) Benzene	8.00	78	231395	17.747	ug/l	98
41) Methacrylonitrile	7.12	41	41777m	18.571	ug/l	
42) 1,2-Dichloroethane	8.09	62	103307	18.496	ug/l	99
43) Isopropyl Acetate	8.13	43	146756	18.362	ug/l #	92
44) Trichloroethene	8.80	130	65742	18.503	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63871	18.350	ug/l	97
46) Dibromomethane	9.17	93	43105	18.443	ug/l	96
47) Bromodichloromethane	9.37	83	98024	18.983	ug/l	96
48) Methyl methacrylate	9.17	41	72893	17.459	ug/l	98
49) 1,4-Dioxane	9.17	88	18276	374.124	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	407510	95.402	ug/l	99
52) Toluene	10.13	92	148078	17.749	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	104404	18.201	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	109719	18.166	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58716	18.635	ug/l	97
56) Ethyl methacrylate	10.40	69	93381	19.167	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101930	18.624	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	234168	93.338	ug/l	99
59) 2-Hexanone	10.72	43	293742	94.163	ug/l	100
60) Dibromochloromethane	10.87	129	71894	17.625	ug/l	100
61) 1,2-Dibromoethane	10.98	107	61951	18.632	ug/l	98
64) Tetrachloroethene	10.60	164	65162	19.239	ug/l	96
65) Chlorobenzene	11.41	112	162513	18.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65306	18.892	ug/l	100
67) Ethyl Benzene	11.48	91	299931	18.741	ug/l	99
68) m/p-Xylenes	11.59	106	221535	37.360	ug/l	97
69) o-Xylene	11.92	106	106529	18.576	ug/l	95
70) Styrene	11.94	104	176399	18.350	ug/l	98
71) Bromoform	12.10	173	48145	18.030	ug/l #	100
73) Isopropylbenzene	12.22	105	282328	18.465	ug/l	99
74) N-amyl acetate	12.05	43	126307	19.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	78386	19.319	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	76437m	18.086	ug/l	
77) Bromobenzene	12.50	156	69953	19.380	ug/l	96
78) n-propylbenzene	12.57	91	318332	18.466	ug/l	99
79) 2-Chlorotoluene	12.65	91	199604	18.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246124	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31300	18.698	ug/l	96
82) 4-Chlorotoluene	12.75	91	205229	18.581	ug/l	99
83) tert-Butylbenzene	12.97	119	199015	18.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	248306	19.300	ug/l	100
85) sec-Butylbenzene	13.14	105	248000	18.562	ug/l	100
86) p-Isopropyltoluene	13.26	119	230374	18.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118569	18.461	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	117235	17.833	ug/l	97
89) n-Butylbenzene	13.59	91	200962	18.427	ug/l	100
90) Hexachloroethane	13.85	117	39377	17.871	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	116626	18.510	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19466	19.231	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	67416	19.077	ug/l	100
94) Hexachlorobutadiene	14.98	225	35253	18.496	ug/l	98
95) Naphthalene	15.10	128	204699	19.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64614	18.461	ug/l	98

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

