

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060247.D
 Acq On : 26 Feb 2020 13:28
 Operator : JC/MD
 Sample : VN0226WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 9:40:51 AM

Quant Time: Feb 27 05:06:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	136615	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	7.57	113	99784	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.08	98	403803	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	153709	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	40088	18.971	ug/l	98
3) Chloromethane	2.04	50	67738	26.936	ug/l	98
4) Vinyl Chloride	2.16	62	56296	19.640	ug/l	99
5) Bromomethane	2.54	94	21317	12.128	ug/l	96
6) Chloroethane	2.68	64	30073	20.743	ug/l	100
7) Trichlorofluoromethane	3.00	101	72493	19.616	ug/l	100
8) Diethyl Ether	3.38	74	27488	22.344	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	41405	20.180	ug/l	97
10) Methyl Iodide	3.93	142	36125	14.938	ug/l	99
11) Tert butyl alcohol	4.73	59	39776	103.325	ug/l #	88
12) 1,1-Dichloroethene	3.72	96	40338	20.181	ug/l	93
13) Acrolein	3.58	56	32797	86.192	ug/l	96
14) Allyl chloride	4.29	41	68054	23.132	ug/l	92
15) Acrylonitrile	4.94	53	106681	113.475	ug/l	97
16) Acetone	3.78	43	82310	73.353	ug/l	97
17) Carbon Disulfide	4.03	76	110788	18.389	ug/l	98
18) Methyl Acetate	4.29	43	55160	26.168	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	144544	21.504	ug/l	100
20) Methylene Chloride	4.52	84	46210	20.642	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	42991	19.731	ug/l	97
22) Diisopropyl ether	5.91	45	149609	23.204	ug/l	96
23) Vinyl Acetate	5.86	43	601978	111.180	ug/l	97
24) 1,1-Dichloroethane	5.81	63	85501	21.891	ug/l	99
25) 2-Butanone	6.80	43	135472	95.994	ug/l	95
26) 2,2-Dichloropropane	6.80	77	76117	20.518	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	51219	20.086	ug/l	96
28) Bromochloromethane	7.17	49	36150	23.542	ug/l	90
29) Tetrahydrofuran	7.18	42	95589	110.408	ug/l	93
30) Chloroform	7.35	83	83724	20.463	ug/l	97
31) Cyclohexane	7.63	56	76311	20.974	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	74693	19.977	ug/l	98
36) 1,1-Dichloropropene	7.77	75	62780	20.116	ug/l	98
37) Ethyl Acetate	6.90	43	60780	21.548	ug/l	99
38) Carbon Tetrachloride	7.75	117	61906	18.264	ug/l	97

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

39) Methylcyclohexane	9.07	83	75101	19.385	ug/l	96
40) Benzene	8.02	78	184615	19.941	ug/l	100
41) Methacrylonitrile	7.14	41	25646	21.681	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	68424	21.087	ug/l	98
43) Isopropyl Acetate	8.14	43	105110	21.800	ug/l	99
44) Trichloroethene	8.82	130	52758	20.581	ug/l	96
45) 1,2-Dichloropropane	9.10	63	48959	21.360	ug/l	99
46) Dibromomethane	9.19	93	31312	19.332	ug/l	97
47) Bromodichloromethane	9.39	83	65045	19.752	ug/l	99
48) Methyl methacrylate	9.18	41	45725	21.137	ug/l	93
49) 1,4-Dioxane	9.18	88	14071	380.685	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	298935	107.112	ug/l	98
52) Toluene	10.14	92	115566	19.466	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	76137	20.483	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	81392	20.795	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	45964	19.845	ug/l	99
56) Ethyl methacrylate	10.42	69	68049	20.769	ug/l	95
57) 1,3-Dichloropropane	10.70	76	77242	20.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	167733	109.889	ug/l	95
59) 2-Hexanone	10.74	43	217153	100.727	ug/l	97
60) Dibromochloromethane	10.89	129	47017	17.690	ug/l	99
61) 1,2-Dibromoethane	11.00	107	45283	18.651	ug/l	97
64) Tetrachloroethene	10.62	164	55242	23.222	ug/l	99
65) Chlorobenzene	11.43	112	122589	19.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	47099	19.529	ug/l	98
67) Ethyl Benzene	11.51	91	227254	19.764	ug/l	100
68) m/p-Xylenes	11.62	106	170583	39.528	ug/l	99
69) o-Xylene	11.94	106	82699	19.903	ug/l	100
70) Styrene	11.96	104	131861	19.679	ug/l	98
71) Bromoform	12.12	173	32132	16.565	ug/l #	98
73) Isopropylbenzene	12.25	105	220452	18.966	ug/l	100
74) N-amyl acetate	12.07	43	94181	22.470	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	59603	17.815	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	60857m	20.435	ug/l	
77) Bromobenzene	12.52	156	54005	18.722	ug/l	96
78) n-propylbenzene	12.59	91	261040	19.712	ug/l	98
79) 2-Chlorotoluene	12.67	91	151323	19.441	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	188848	19.541	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23051	18.952	ug/l #	81
82) 4-Chlorotoluene	12.77	91	157365	19.705	ug/l	98
83) tert-Butylbenzene	12.99	119	161974	18.946	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	189594	19.874	ug/l	99
85) sec-Butylbenzene	13.17	105	216388	19.112	ug/l	100
86) p-Isopropyltoluene	13.29	119	197647	19.267	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	97785	19.151	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	97944	19.186	ug/l	98
89) n-Butylbenzene	13.61	91	182202	20.193	ug/l	99
90) Hexachloroethane	13.87	117	26977	14.076	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	94007	18.813	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12913	17.653	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63541	21.641	ug/l	99
94) Hexachlorobutadiene	15.01	225	29445	17.130	ug/l	98
95) Naphthalene	15.13	128	188113	23.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	62075	21.230	ug/l	98

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

