

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061611.D
 Acq On : 2 Jun 2020 11:21
 Operator : JC/MD
 Sample : VN0602WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:19 AM

Quant Time: Jun 03 01:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	344802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	268953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209227	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.54	113	161779	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.06	98	698029	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.37	95	254137	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	73147	19.100	ug/l 100
3) Chloromethane	2.03	50	78655	18.703	ug/l 99
4) Vinyl Chloride	2.16	62	106819	18.535	ug/l 100
5) Bromomethane	2.54	94	66541	20.122	ug/l 97
6) Chloroethane	2.67	64	68050	18.345	ug/l 100
7) Trichlorofluoromethane	2.98	101	143418	19.298	ug/l 97
8) Diethyl Ether	3.37	74	41304	18.176	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64728	19.628	ug/l 100
10) Methyl Iodide	3.91	142	85895	18.763	ug/l 100
11) Tert butyl alcohol	4.73	59	55181	100.986	ug/l 99
12) 1,1-Dichloroethene	3.69	96	62914	17.857	ug/l 97
13) Acrolein	3.57	56	17772	93.033	ug/l 95
14) Allyl chloride	4.27	41	82106	17.825	ug/l 98
15) Acrylonitrile	4.92	53	134620	88.265	ug/l 99
16) Acetone	3.77	43	109202	92.547	ug/l 97
17) Carbon Disulfide	4.01	76	159848	20.621	ug/l 99
18) Methyl Acetate	4.27	43	64060	17.226	ug/l # 71
19) Methyl tert-butyl Ether	4.99	73	222559	18.535	ug/l 100
20) Methylene Chloride	4.50	84	72141	18.214	ug/l 96
21) trans-1,2-Dichloroethene	4.99	96	72945	18.359	ug/l 91
22) Diisopropyl ether	5.90	45	189669	18.683	ug/l 97
23) Vinyl Acetate	5.84	43	705201	87.154	ug/l 98
24) 1,1-Dichloroethane	5.79	63	120406	18.703	ug/l 100
25) 2-Butanone	6.78	43	164336	84.407	ug/l 99
26) 2,2-Dichloropropane	6.77	77	113436	19.252	ug/l 100
27) cis-1,2-Dichloroethene	6.77	96	86660	19.261	ug/l 98
28) Bromochloromethane	7.15	49	52934	21.096	ug/l 98
29) Tetrahydrofuran	7.16	42	107378	83.638	ug/l 99
30) Chloroform	7.32	83	135584	19.037	ug/l 99
31) Cyclohexane	7.61	56	108947	18.817	ug/l 93
32) 1,1,1-Trichloroethane	7.53	97	120673	18.595	ug/l 99
36) 1,1-Dichloropropene	7.75	75	97888	19.210	ug/l 99
37) Ethyl Acetate	6.88	43	72379	17.636	ug/l 97
38) Carbon Tetrachloride	7.73	117	98513	20.043	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	120813	19.236	ug/l	99
40) Benzene	8.00	78	295379	18.788	ug/l	99
41) Methacrylonitrile	7.12	41	31806	16.915	ug/l	93
42) 1,2-Dichloroethane	8.08	62	99623	18.927	ug/l	99
43) Isopropyl Acetate	8.12	43	127799	17.308	ug/l #	91
44) Trichloroethene	8.80	130	91708	18.980	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71290	19.096	ug/l	99
46) Dibromomethane	9.17	93	53172	18.571	ug/l	99
47) Bromodichloromethane	9.37	83	107619	18.971	ug/l	99
48) Methyl methacrylate	9.16	41	53330	16.053	ug/l	97
49) 1,4-Dioxane	9.16	88	24914	484.099	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	355558	85.451	ug/l	99
52) Toluene	10.12	92	201026	19.590	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113699	18.606	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122288	18.611	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	75576	18.486	ug/l	99
56) Ethyl methacrylate	10.40	69	102823	18.005	ug/l	99
57) 1,3-Dichloropropane	10.68	76	123350	18.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	216740	88.808	ug/l	100
59) 2-Hexanone	10.72	43	253052	84.681	ug/l	100
60) Dibromochloromethane	10.87	129	88232	18.984	ug/l	99
61) 1,2-Dibromoethane	10.98	107	81011	18.999	ug/l	99
64) Tetrachloroethene	10.60	164	97892	19.297	ug/l	98
65) Chlorobenzene	11.40	112	217852	19.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	80349	19.263	ug/l	97
67) Ethyl Benzene	11.48	91	375106	19.374	ug/l	98
68) m/p-Xylenes	11.59	106	295711	38.519	ug/l	98
69) o-Xylene	11.92	106	141450	19.399	ug/l	99
70) Styrene	11.94	104	232281	19.236	ug/l	99
71) Bromoform	12.10	173	56443	17.561	ug/l #	99
73) Isopropylbenzene	12.22	105	378624	19.288	ug/l	98
74) N-amyl acetate	12.04	43	104009	16.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96248	17.497	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	89096m	18.218	ug/l	
77) Bromobenzene	12.50	156	93808	18.721	ug/l	99
78) n-propylbenzene	12.56	91	418591	19.101	ug/l	100
79) 2-Chlorotoluene	12.65	91	243853	18.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	316246	19.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32490	16.989	ug/l	100
82) 4-Chlorotoluene	12.75	91	254618	18.522	ug/l	99
83) tert-Butylbenzene	12.97	119	277002	19.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	311335	19.101	ug/l	98
85) sec-Butylbenzene	13.15	105	359700	19.256	ug/l	99
86) p-Isopropyltoluene	13.26	119	338849	19.698	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	170488	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	168234	18.612	ug/l	98
89) n-Butylbenzene	13.59	91	276694	19.203	ug/l	100
90) Hexachloroethane	13.85	117	41325	21.722	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	162674	19.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18044	16.084	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	91842	18.520	ug/l	98
94) Hexachlorobutadiene	14.98	225	40344	19.075	ug/l	99
95) Naphthalene	15.10	128	256783	17.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89872	18.432	ug/l	99

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

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