

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061674.D
 Acq On : 5 Jun 2020 17:04
 Operator : JC/MD
 Sample : L2904-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:49:09 AM

Quant Time: Jun 06 04:02:19 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	7.63	168	331886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	531048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	272074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	185317	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.55	113	148610	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	634818	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	235757	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157944	41.420	ug/l	98
3) Chloromethane	2.03	50	174727	43.164	ug/l	100
4) Vinyl Chloride	2.16	62	242494	43.715	ug/l	99
5) Bromomethane	2.52	94	147987	46.492	ug/l	96
6) Chloroethane	2.67	64	159654	44.714	ug/l	100
7) Trichlorofluoromethane	2.98	101	325816	45.548	ug/l	99
8) Diethyl Ether	3.37	74	95673	43.740	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	141146	44.466	ug/l	99
10) Methyl Iodide	3.91	142	188718	42.827	ug/l	99
11) Tert butyl alcohol	4.73	59	141765	269.538	ug/l	99
12) 1,1-Dichloroethene	3.70	96	146797	43.286	ug/l	92
13) Acrolein	3.56	56	40980	271.616	ug/l	95
14) Allyl chloride	4.27	41	184849	41.693	ug/l	98
15) Acrylonitrile	4.93	53	355707	242.299	ug/l	100
16) Acetone	3.77	43	270954	248.598	ug/l	97
17) Carbon Disulfide	4.01	76	288536	38.672	ug/l	100
18) Methyl Acetate	4.28	43	164846	46.052	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	519085	44.911	ug/l	99
20) Methylene Chloride	4.50	84	171038	47.502	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	169159	44.230	ug/l	93
22) Diisopropyl ether	5.90	45	432253	44.235	ug/l	98
23) Vinyl Acetate	5.84	43	1638088	210.325	ug/l	97
24) 1,1-Dichloroethane	5.80	63	276067	44.552	ug/l	99
25) 2-Butanone	6.79	43	441506	235.594	ug/l	98
26) 2,2-Dichloropropane	6.77	77	229208	40.414	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	199326	46.026	ug/l	98
28) Bromochloromethane	7.15	49	113409	48.717	ug/l	97
29) Tetrahydrofuran	7.17	42	286200	231.599	ug/l	97
30) Chloroform	7.33	83	314910	45.937	ug/l	99
31) Cyclohexane	7.61	56	226628	40.667	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	286062	45.795	ug/l	99
36) 1,1-Dichloropropene	7.75	75	219929	44.979	ug/l	98
37) Ethyl Acetate	6.88	43	184441	46.833	ug/l	98
38) Carbon Tetrachloride	7.73	117	237114	50.275	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245398	40.718	ug/l	97
40) Benzene	8.00	78	690428	45.764	ug/l	98
41) Methacrylonitrile	7.12	41	81901	45.391	ug/l	95
42) 1,2-Dichloroethane	8.09	62	225290	44.605	ug/l	99
43) Isopropyl Acetate	8.13	43	315859	44.579	ug/l	98
44) Trichloroethene	8.80	130	210501	45.401	ug/l	94
45) 1,2-Dichloropropane	9.09	63	166200	46.394	ug/l	98
46) Dibromomethane	9.17	93	127893	46.549	ug/l	99
47) Bromodichloromethane	9.37	83	250659	46.048	ug/l	97
48) Methyl methacrylate	9.17	41	145874	45.760	ug/l	98
49) 1,4-Dioxane	9.16	88	59403	1202.867	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	980077	245.463	ug/l	99
52) Toluene	10.12	92	463354	47.056	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	266188	45.394	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	281998	44.725	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	185614	47.314	ug/l	98
56) Ethyl methacrylate	10.40	69	264384	48.244	ug/l	98
57) 1,3-Dichloropropane	10.68	76	299967	47.808	ug/l	99
59) 2-Hexanone	10.72	43	718549	250.584	ug/l	98
60) Dibromochloromethane	10.87	129	220089	49.348	ug/l	100
61) 1,2-Dibromoethane	10.98	107	203286	49.685	ug/l	99
64) Tetrachloroethene	10.60	164	211493	42.308	ug/l	98
65) Chlorobenzene	11.41	112	521399	47.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	199569	48.555	ug/l	100
67) Ethyl Benzene	11.48	91	895274	46.925	ug/l	99
68) m/p-Xylenes	11.60	106	706935	93.450	ug/l	99
69) o-Xylene	11.92	106	344404	47.933	ug/l	98
70) Styrene	11.94	104	577381	48.524	ug/l	98
71) Bromoform	12.10	173	160956	50.820	ug/l #	100
73) Isopropylbenzene	12.22	105	894147	45.028	ug/l	100
74) N-amyl acetate	12.04	43	282587	45.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	253222	45.504	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	220059m	44.480	ug/l	
77) Bromobenzene	12.50	156	242558	47.853	ug/l	97
78) n-propylbenzene	12.56	91	993288	44.806	ug/l	100
79) 2-Chlorotoluene	12.65	91	586226	44.348	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	737131	44.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83807	43.319	ug/l	99
82) 4-Chlorotoluene	12.75	91	615482	44.259	ug/l	99
83) tert-Butylbenzene	12.97	119	643803	43.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755645	45.828	ug/l	99
85) sec-Butylbenzene	13.15	105	814389	43.097	ug/l	100
86) p-Isopropyltoluene	13.26	119	764563	43.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	423765	47.211	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	430793	47.112	ug/l	99
89) n-Butylbenzene	13.59	91	618611	42.441	ug/l	99
90) Hexachloroethane	13.85	117	114150	59.313	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	408220	47.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	49700	43.792	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	230653	45.977	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	87177	40.745	ug/l	98
95) Naphthalene	15.10	128	732567	47.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	226642	45.949	ug/l	99

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

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