

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062359.D
 Acq On : 3 Jul 2020 1:45
 Operator : JC/MD
 Sample : L3127-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:30 AM

Quant Time: Jul 03 04:46:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118524	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
35) Dibromofluoromethane	7.55	113	90218	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.06	98	358218	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	126225	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	74026	43.817	ug/l 100
3) Chloromethane	2.03	50	108453	54.652	ug/l 98
4) Vinyl Chloride	2.16	62	121474	45.658	ug/l 99
5) Bromomethane	2.52	94	76423	44.445	ug/l 96
6) Chloroethane	2.66	64	80344	44.207	ug/l 98
7) Trichlorofluoromethane	2.98	101	142673	43.521	ug/l 100
8) Diethyl Ether	3.37	74	65416	57.145	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83863	48.850	ug/l 96
10) Methyl Iodide	3.91	142	105131	54.376	ug/l 98
11) Tert butyl alcohol	4.74	59	95563	317.325	ug/l 99
12) 1,1-Dichloroethene	3.69	96	85221	49.657	ug/l 95
13) Acrolein	3.57	56	63572	215.611	ug/l 100
14) Allyl chloride	4.27	41	138075	59.092	ug/l 98
15) Acrylonitrile	4.93	53	262890	320.343	ug/l 99
16) Acetone	3.78	43	212477	323.930	ug/l 97
17) Carbon Disulfide	4.00	76	237545	48.325	ug/l 100
18) Methyl Acetate	4.28	43	102798	61.653	ug/l 96
19) Methyl tert-butyl Ether	4.99	73	328473	59.897	ug/l 95
20) Methylene Chloride	4.50	84	109875	57.095	ug/l 94
21) trans-1,2-Dichloroethene	4.99	96	100269	51.286	ug/l 88
22) Diisopropyl ether	5.90	45	333698	62.723	ug/l 98
23) Vinyl Acetate	5.84	43	1273877	293.274	ug/l 97
24) 1,1-Dichloroethane	5.80	63	195511	57.068	ug/l 99
25) 2-Butanone	6.79	43	337632	329.326	ug/l 96
26) 2,2-Dichloropropane	6.77	77	128313	44.946	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	120465	54.757	ug/l 97
28) Bromochloromethane	7.15	49	81697	54.962	ug/l 87
29) Tetrahydrofuran	7.17	42	219324	326.584	ug/l 97
30) Chloroform	7.33	83	195394	56.057	ug/l 98
31) Cyclohexane	7.61	56	153287	52.896	ug/l 94
32) 1,1,1-Trichloroethane	7.53	97	158393	53.885	ug/l 97
36) 1,1-Dichloropropene	7.75	75	144383	51.294	ug/l 97
37) Ethyl Acetate	6.88	43	131689	56.499	ug/l 99
38) Carbon Tetrachloride	7.73	117	128392	48.381	ug/l 99

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

39) Methylcyclohexane	9.05	83	149616	48.511	ug/l	98
40) Benzene	8.00	78	439084	51.178	ug/l	99
41) Methacrylonitrile	7.14	41	67010m	62.013	ug/l	
42) 1,2-Dichloroethane	8.08	62	157653	54.388	ug/l	99
43) Isopropyl Acetate	8.13	43	215075	56.604	ug/l	99
44) Trichloroethene	8.80	130	103241	47.704	ug/l	97
45) 1,2-Dichloropropane	9.08	63	117273	55.406	ug/l	99
46) Dibromomethane	9.17	93	73980	51.552	ug/l	96
47) Bromodichloromethane	9.37	83	156407	53.978	ug/l	99
48) Methyl methacrylate	9.17	41	109466	64.254	ug/l	92
49) 1,4-Dioxane	9.17	88	45474	1203.635	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	705921	317.987	ug/l	97
52) Toluene	10.12	92	275383	52.606	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169904	53.297	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176971	52.143	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	112339	54.593	ug/l	97
56) Ethyl methacrylate	10.40	69	165290	60.190	ug/l	95
57) 1,3-Dichloropropane	10.68	76	194164	54.819	ug/l	99
59) 2-Hexanone	10.72	43	528882	329.926	ug/l	97
60) Dibromochloromethane	10.87	129	115394	52.968	ug/l	97
61) 1,2-Dibromoethane	10.98	107	109254	51.672	ug/l	99
64) Tetrachloroethene	10.60	164	75344	41.537	ug/l	96
65) Chlorobenzene	11.41	112	287334	49.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	102392	50.779	ug/l	99
67) Ethyl Benzene	11.48	91	519979	52.799	ug/l	98
68) m/p-Xylenes	11.60	106	393988	103.431	ug/l	97
69) o-Xylene	11.92	106	189145	52.628	ug/l	96
70) Stvrene	11.94	104	325911	54.374	ug/l	99
71) Bromoform	12.10	173	74806	52.178	ug/l #	97
73) Isopropylbenzene	12.22	105	505143	51.060	ug/l	99
74) N-amyl acetate	12.05	43	189803	51.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	173063	52.568	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	157442m	52.330	ug/l	
77) Bromobenzene	12.50	156	116544	47.450	ug/l	90
78) n-propylbenzene	12.57	91	592184	52.331	ug/l	98
79) 2-Chlorotoluene	12.65	91	352404	51.512	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424151	52.888	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54992	53.379	ug/l	98
82) 4-Chlorotoluene	12.75	91	368019	52.021	ug/l	98
83) tert-Butylbenzene	12.97	119	343004	49.976	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	424941	53.053	ug/l	99
85) sec-Butylbenzene	13.15	105	477061	52.603	ug/l	98
86) p-Isopropyltoluene	13.26	119	420389	52.908	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	215605	49.990	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	213747	48.078	ug/l	100
89) n-Butylbenzene	13.59	91	352703	53.392	ug/l	100
90) Hexachloroethane	13.85	117	81515	52.289	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	209984	50.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30670	58.155	ug/l	91
93) 1,2,4-Trichlorobenzene	14.88	180	91619	50.146	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	37720	47.534	ug/l	98
95) Naphthalene	15.10	128	285189	47.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	93909	50.268	ug/l	98

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

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