

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064931.D
 Acq On : 4 Dec 2020 20:07
 Operator : JC/MD
 Sample : L4954-16MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:46:03 AM

Quant Time: Dec 05 03:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	224202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	359955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	325239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130918	50.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	100.46%		
35) Dibromofluoromethane	7.55	113	115469	53.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.22%		
50) Toluene-d8	10.06	98	482127	54.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.56%		
62) 4-Bromofluorobenzene	12.37	95	159685	50.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.40%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	79428	40.877	ug/l	99
3) Chloromethane	2.04	50	101413	40.163	ug/l	99
4) Vinyl Chloride	2.17	62	109087	41.437	ug/l	100
5) Bromomethane	2.52	94	63515	36.774	ug/l	98
6) Chloroethane	2.67	64	70378	43.223	ug/l	99
7) Trichlorofluoromethane	2.99	101	160556	44.120	ug/l	96
8) Diethyl Ether	3.37	74	65718	45.751	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	100615	46.090	ug/l	99
10) Methyl Iodide	3.91	142	100089	35.348	ug/l	98
11) Tert butyl alcohol	4.75	59	97287	239.334	ug/l	99
12) 1,1-Dichloroethene	3.69	96	101464	46.669	ug/l	97
13) Acrolein	3.56	56	38510	155.100	ug/l	99
14) Allyl chloride	4.27	41	166101	46.321	ug/l	98
15) Acrylonitrile	4.93	53	276798	246.495	ug/l	98
16) Acetone	3.78	43	224495	262.007	ug/l	98
17) Carbon Disulfide	4.01	76	239628	42.689	ug/l	100
18) Methyl Acetate	4.28	43	126137	48.964	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	352159	50.505	ug/l #	1
20) Methylene Chloride	4.50	84	118291	44.057	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	107238	44.417	ug/l	99
22) Diisopropyl ether	5.90	45	354803	49.434	ug/l	99
23) Vinyl Acetate	5.84	43	1412506	246.103	ug/l	99
24) 1,1-Dichloroethane	5.79	63	207865	48.460	ug/l	99
25) 2-Butanone	6.79	43	340462	245.120	ug/l	96
26) 2,2-Dichloropropane	6.78	77	161371	43.377	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	131058	48.241	ug/l	98
28) Bromochloromethane	7.15	49	95220	48.525	ug/l	97
29) Tetrahydrofuran	7.17	42	221393	230.909	ug/l	99
30) Chloroform	7.33	83	208275	47.085	ug/l	98
31) Cyclohexane	7.61	56	441059	121.409	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	179576	47.268	ug/l	99
36) 1,1-Dichloropropene	7.75	75	151243	45.331	ug/l	99
37) Ethyl Acetate	6.88	43	141176	43.927	ug/l	98
38) Carbon Tetrachloride	7.73	117	156208	44.997	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1587066	441.874	ug/l	97
40) Benzene	8.00	78	476244	46.581	ug/l	98
41) Methacrylonitrile	7.13	41	65672	44.285	ug/l	94
42) 1,2-Dichloroethane	8.09	62	156245	45.302	ug/l	97
43) Isopropyl Acetate	8.13	43	284436	55.000	ug/l	95
44) Trichloroethene	8.80	130	130229	43.171	ug/l	99
45) 1,2-Dichloropropane	9.08	63	140116	52.920	ug/l	98
46) Dibromomethane	9.17	93	82589	46.691	ug/l	99
47) Bromodichloromethane	9.37	83	171406	48.160	ug/l	100
48) Methyl methacrylate	9.17	41	118053	47.773	ug/l	99
49) 1,4-Dioxane	9.17	88	45247	968.783	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	728136	234.527	ug/l	99
52) Toluene	10.12	92	296615	47.109	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	184706	46.595	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	200310	47.143	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	118871m	45.912	ug/l	
56) Ethyl methacrylate	10.40	69	245263	68.646	ug/l #	85
57) 1,3-Dichloropropane	10.68	76	201191	47.107	ug/l	100
59) 2-Hexanone	10.72	43	546040	244.378	ug/l	98
60) Dibromochloromethane	10.87	129	136723	47.506	ug/l	97
61) 1,2-Dibromoethane	10.98	107	122727	46.656	ug/l	97
64) Tetrachloroethene	10.60	164	128474	40.602	ug/l	99
65) Chlorobenzene	11.41	112	329534	47.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	123302	48.037	ug/l	100
67) Ethyl Benzene	11.48	91	587191	50.325	ug/l	99
68) m/p-Xylenes	11.59	106	434334	98.320	ug/l	100
69) o-Xylene	11.92	106	213739	50.987	ug/l	99
70) Stvrene	11.94	104	365785	51.687	ug/l	98
71) Bromoform	12.10	173	93942	45.823	ug/l #	99
73) Isopropylbenzene	12.22	105	940703	85.742	ug/l	99
74) N-amyl acetate	12.04	43	217326	50.334	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	161985	50.372	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	145903m	42.952	ug/l	
77) Bromobenzene	12.50	156	144967	49.011	ug/l	96
78) n-propylbenzene	12.57	91	1100907	88.083	ug/l	99
79) 2-Chlorotoluene	12.65	91	373458	48.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	464602	50.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55225	44.558	ug/l	96
82) 4-Chlorotoluene	12.75	91	385700	47.628	ug/l	99
83) tert-Butylbenzene	12.97	119	411315	53.810	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	485507	52.656	ug/l	98
85) sec-Butylbenzene	13.14	105	609926	60.098	ug/l	97
86) p-Isopropyltoluene	13.26	119	467646	50.612	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	249016	47.385	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	254441	45.783	ug/l	99
89) n-Butylbenzene	13.59	91	439695	54.187	ug/l	97
90) Hexachloroethane	13.85	117	100461	62.587	ug/l	81
91) 1,2-Dichlorobenzene	13.63	146	246730	47.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31767	43.903	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	147995	46.364	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	66962	46.611	ug/l	98
95) Naphthalene	15.10	128	792597	82.883	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	146492	48.341	ug/l	95

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

