

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064322.D
 Acq On : 27 Oct 2020 12:04
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:36 PM

Quant Time: Oct 27 12:24:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	259503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	635863	163.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.32%	
35) Dibromofluoromethane	7.55	113	449829	160.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.44%	
50) Toluene-d8	10.06	98	1699230	168.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.42%	
62) 4-Bromofluorobenzene	12.38	95	683264	167.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	438608	155.530	ug/l	100
3) Chloromethane	2.04	50	474374	158.926	ug/l	99
4) Vinyl Chloride	2.16	62	470651	157.849	ug/l	99
5) Bromomethane	2.50	94	291030	149.256	ug/l	99
6) Chloroethane	2.65	64	273033	151.170	ug/l	95
7) Trichlorofluoromethane	2.97	101	729219	148.621	ug/l	99
8) Diethyl Ether	3.37	74	257552	158.875	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	383677	151.537	ug/l	100
10) Methyl Iodide	3.90	142	571410	159.631	ug/l	98
11) Tert butyl alcohol	4.74	59	471334	877.252	ug/l	97
12) 1,1-Dichloroethene	3.69	96	371974	152.664	ug/l	95
13) Acrolein	3.56	56	104754	365.082	ug/l	93
14) Allyl chloride	4.27	41	778280	159.906	ug/l	96
15) Acrylonitrile	4.93	53	1087296	973.942	ug/l	100
16) Acetone	3.77	43	1016477	873.604	ug/l	99
17) Carbon Disulfide	4.01	76	1119951	161.294	ug/l	99
18) Methyl Acetate	4.27	43	473065	164.432	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1466536	171.255	ug/l	97
20) Methylene Chloride	4.50	84	435685	147.427	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	418317	155.905	ug/l	96
22) Diisopropyl ether	5.90	45	1544851	167.689	ug/l	91
23) Vinyl Acetate	5.84	43	6775432	829.308	ug/l	99
24) 1,1-Dichloroethane	5.79	63	835268	158.194	ug/l	99
25) 2-Butanone	6.78	43	1619416	890.914	ug/l	100
26) 2,2-Dichloropropane	6.77	77	791306	150.697	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	488222	155.464	ug/l	99
28) Bromochloromethane	7.15	49	422952	168.374	ug/l	96
29) Tetrahydrofuran	7.16	42	1073044	972.960	ug/l	99
30) Chloroform	7.33	83	871689	154.613	ug/l	97
31) Cyclohexane	7.61	56	702405	150.929	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	824597	156.286	ug/l	99
36) 1,1-Dichloropropene	7.75	75	651156	155.394	ug/l	99
37) Ethyl Acetate	6.88	43	677655	174.258	ug/l	99
38) Carbon Tetrachloride	7.73	117	749979	156.440	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	649445	168.767	ug/l	98
40) Benzene	8.00	78	1814065	156.730	ug/l	99
41) Methacrylonitrile	7.14	41	344639m	169.496	ug/l	
42) 1,2-Dichloroethane	8.08	62	754748	151.179	ug/l	99
43) Isopropyl Acetate	8.13	43	1181009	164.996	ug/l	99
44) Trichloroethene	8.80	130	491668	155.683	ug/l	98
45) 1,2-Dichloropropane	9.08	63	478252	155.072	ug/l	100
46) Dibromomethane	9.17	93	346348	165.888	ug/l	98
47) Bromodichloromethane	9.37	83	736774	160.305	ug/l	98
48) Methyl methacrylate	9.16	41	591517	159.075	ug/l	99
49) 1,4-Dioxane	9.17	88	185167	4052.991	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	3417253	882.895	ug/l	99
52) Toluene	10.13	92	1162904	157.399	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	845543	166.397	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	851411	158.599	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	460575	164.255	ug/l	100
56) Ethyl methacrylate	10.40	69	738450	170.182	ug/l	98
57) 1,3-Dichloropropane	10.68	76	798005	163.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1869226	839.449	ug/l	99
59) 2-Hexanone	10.72	43	2588300	912.552	ug/l	99
60) Dibromochloromethane	10.87	129	576739	159.048	ug/l	99
61) 1,2-Dibromoethane	10.98	107	502413	169.343	ug/l	99
64) Tetrachloroethene	10.60	164	469669	146.202	ug/l	97
65) Chlorobenzene	11.41	112	1266141	154.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	492876	151.384	ug/l	99
67) Ethyl Benzene	11.48	91	2322981	153.813	ug/l	98
68) m/p-Xylenes	11.59	106	1735020	309.828	ug/l	96
69) o-Xylene	11.92	106	839098	155.975	ug/l	95
70) Styrene	11.94	104	1452773	160.398	ug/l	100
71) Bromoform	12.10	173	426688	169.261	ug/l #	98
73) Isopropylbenzene	12.22	105	2231378	145.289	ug/l	99
74) N-amyl acetate	12.05	43	1082109	161.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	644213	155.936	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	706265m	160.515	ug/l	
77) Bromobenzene	12.50	156	558282	152.816	ug/l	98
78) n-propylbenzene	12.57	91	2576831	148.296	ug/l	99
79) 2-Chlorotoluene	12.65	91	1587850	148.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1920986	147.747	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	272878	159.970	ug/l	96
82) 4-Chlorotoluene	12.75	91	1674239	150.459	ug/l	99
83) tert-Butylbenzene	12.97	119	1549121	145.454	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1950089	150.401	ug/l	98
85) sec-Butylbenzene	13.14	105	2024505	150.817	ug/l	99
86) p-Isopropyltoluene	13.26	119	1865895	152.445	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	1004313	155.175	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	1000736	151.419	ug/l	99
89) n-Butylbenzene	13.59	91	1638015	150.348	ug/l	99
90) Hexachloroethane	13.85	117	359005	159.074	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	964391	152.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	172818	166.604	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	575807	163.261	ug/l	99
94) Hexachlorobutadiene	14.98	225	285735	149.565	ug/l	99
95) Naphthalene	15.10	128	1787457	168.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	557324	159.522	ug/l	97

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

