

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062624.D
 Acq On : 28 Jul 2020 1:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:14 PM

Quant Time: Jul 28 08:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	144271	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.55	113	100206	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	346814	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	12.37	95	125176	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102608	44.393	ug/l	99
3) Chloromethane	2.03	50	124359	39.669	ug/l	98
4) Vinyl Chloride	2.16	62	115157	42.374	ug/l	97
5) Bromomethane	2.53	94	52998	44.030	ug/l	98
6) Chloroethane	2.67	64	56285	45.786	ug/l	100
7) Trichlorofluoromethane	2.98	101	157499	49.361	ug/l	98
8) Diethyl Ether	3.37	74	67234	45.060	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95253	46.561	ug/l	99
10) Methyl Iodide	3.91	142	106933	40.886	ug/l	97
11) Tert butyl alcohol	4.73	59	90282	188.538	ug/l	99
12) 1,1-Dichloroethene	3.70	96	93763	45.192	ug/l	99
13) Acrolein	3.57	56	90246	183.055	ug/l	98
14) Allyl chloride	4.28	41	190308	42.404	ug/l	97
15) Acrylonitrile	4.93	53	288119	224.637	ug/l	99
16) Acetone	3.77	43	229084	202.239	ug/l	99
17) Carbon Disulfide	4.01	76	288967	42.389	ug/l	100
18) Methyl Acetate	4.28	43	128166	44.694	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	358184	46.904	ug/l	99
20) Methylene Chloride	4.50	84	116223	42.780	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	104738	45.484	ug/l	98
22) Diisopropyl ether	5.90	45	397220	44.527	ug/l	97
23) Vinyl Acetate	5.84	43	1659837	227.075	ug/l	99
24) 1,1-Dichloroethane	5.80	63	218695	45.525	ug/l	99
25) 2-Butanone	6.79	43	374003	216.797	ug/l	100
26) 2,2-Dichloropropane	6.78	77	147780	37.474	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117093	44.562	ug/l	99
28) Bromochloromethane	7.15	49	102591	43.394	ug/l	98
29) Tetrahydrofuran	7.17	42	255705	219.053	ug/l	97
30) Chloroform	7.33	83	210975	46.190	ug/l	99
31) Cyclohexane	7.62	56	193749	43.682	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	185722	48.702	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161756	48.106	ug/l	99
37) Ethyl Acetate	6.88	43	164363	45.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	162847	50.385	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	176128	48.660	ug/l	98
40) Benzene	8.00	78	465788	45.756	ug/l	99
41) Methacrylonitrile	7.13	41	72521	46.685	ug/l	96
42) 1,2-Dichloroethane	8.08	62	184041	49.451	ug/l	99
43) Isopropyl Acetate	8.12	43	275879	47.215	ug/l	98
44) Trichloroethene	8.80	130	108816	47.401	ug/l	96
45) 1,2-Dichloropropane	9.08	63	130055	45.503	ug/l	99
46) Dibromomethane	9.17	93	79545	48.152	ug/l	98
47) Bromodichloromethane	9.37	83	172978	48.333	ug/l	99
48) Methyl methacrylate	9.17	41	131379	47.300	ug/l	99
49) 1,4-Dioxane	9.17	88	33811	792.556	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	669464	191.486	ug/l	98
52) Toluene	10.12	92	250172	42.323	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169534	42.553	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176207	41.218	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	88747	38.706	ug/l	95
56) Ethyl methacrylate	10.40	69	166211	40.712	ug/l	98
57) 1,3-Dichloropropane	10.68	76	173746	41.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	258606	211.203	ug/l	96
59) 2-Hexanone	10.72	43	485942	180.557	ug/l	99
60) Dibromochloromethane	10.87	129	111317	43.519	ug/l	97
61) 1,2-Dibromoethane	10.98	107	101030	42.316	ug/l	98
64) Tetrachloroethene	10.60	164	80763	48.501	ug/l	97
65) Chlorobenzene	11.41	112	238969	44.477	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	91821	45.427	ug/l	97
67) Ethyl Benzene	11.48	91	449361	45.614	ug/l	100
68) m/p-Xylenes	11.60	106	331223	93.544	ug/l	99
69) o-Xylene	11.92	106	157503	46.843	ug/l	99
70) Styrene	11.94	104	277710	48.894	ug/l	99
71) Bromoform	12.10	173	73230	48.253	ug/l #	99
73) Isopropylbenzene	12.22	105	439733	40.412	ug/l	100
74) N-amyl acetate	12.04	43	183637	37.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134781	35.644	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	124592m	35.569	ug/l	
77) Bromobenzene	12.50	156	103606	39.620	ug/l	95
78) n-propylbenzene	12.57	91	527809	41.410	ug/l	99
79) 2-Chlorotoluene	12.65	91	335696	42.736	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	417402	46.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44548	35.404	ug/l	95
82) 4-Chlorotoluene	12.75	91	360239	44.060	ug/l	100
83) tert-Butylbenzene	12.97	119	344751	45.998	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	392973	44.381	ug/l	98
85) sec-Butylbenzene	13.15	105	432432	43.096	ug/l	99
86) p-Isopropyltoluene	13.26	119	427491	49.535	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204852	44.641	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	192239	42.555	ug/l	98
89) n-Butylbenzene	13.59	91	410786	55.397	ug/l	100
90) Hexachloroethane	13.85	117	87882	47.835	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	221026	50.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34785	50.668	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	115417	50.025	ug/l	99
94) Hexachlorobutadiene	14.98	225	67256	56.717	ug/l	98
95) Naphthalene	15.10	128	287901	47.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	114546	55.394	ug/l	100

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

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