

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061713.D
 Acq On : 8 Jun 2020 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 3:41:20 PM

Quant Time: Jun 09 04:57:38 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	342374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	557911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195231	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.55	113	154873	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	10.06	98	668845	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.38	95	242785	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	161498	41.064	ug/l	97
3) Chloromethane	2.03	50	170354	40.795	ug/l	99
4) Vinyl Chloride	2.16	62	231832	40.513	ug/l	98
5) Bromomethane	2.53	94	147406	44.891	ug/l	99
6) Chloroethane	2.67	64	155774	42.291	ug/l	99
7) Trichlorofluoromethane	2.98	101	309334	41.919	ug/l	98
8) Diethyl Ether	3.37	74	93459	41.419	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	140800	42.998	ug/l	98
10) Methyl Iodide	3.91	142	192771	42.407	ug/l	98
11) Tert butyl alcohol	4.73	59	109662	202.113	ug/l	98
12) 1,1-Dichloroethene	3.70	96	143162	40.921	ug/l	95
13) Acrolein	3.56	56	33522	208.146	ug/l	100
14) Allyl chloride	4.27	41	173272	37.884	ug/l	97
15) Acrylonitrile	4.93	53	318447	210.273	ug/l	99
16) Acetone	3.77	43	236349	209.223	ug/l	98
17) Carbon Disulfide	4.01	76	291940	37.929	ug/l	99
18) Methyl Acetate	4.28	43	150191	40.672	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	493609	41.399	ug/l	97
20) Methylene Chloride	4.50	84	170950	45.967	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	165302	41.898	ug/l	96
22) Diisopropyl ether	5.90	45	424946	42.155	ug/l	97
23) Vinyl Acetate	5.84	43	1548465	192.727	ug/l	97
24) 1,1-Dichloroethane	5.80	63	270069	42.249	ug/l	99
25) 2-Butanone	6.79	43	370346	191.568	ug/l	98
26) 2,2-Dichloropropane	6.77	77	216748	37.047	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	194863	43.617	ug/l	97
28) Bromochloromethane	7.15	49	114147	47.497	ug/l	96
29) Tetrahydrofuran	7.17	42	245567	192.630	ug/l	96
30) Chloroform	7.33	83	311467	44.043	ug/l	99
31) Cyclohexane	7.61	56	217426	37.820	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	274993	42.675	ug/l	100
36) 1,1-Dichloropropene	7.75	75	213210	43.169	ug/l	99
37) Ethyl Acetate	6.88	43	164670	41.395	ug/l	97
38) Carbon Tetrachloride	7.73	117	222999	46.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	240006	39.425	ug/l	97
40) Benzene	8.00	78	678031	44.493	ug/l	99
41) Methacrylonitrile	7.12	41	74560	40.909	ug/l	94
42) 1,2-Dichloroethane	8.08	62	223250	43.759	ug/l	99
43) Isopropyl Acetate	8.13	43	287514	40.173	ug/l	92
44) Trichloroethene	8.80	130	205477	43.874	ug/l	97
45) 1,2-Dichloropropane	9.08	63	166372	45.977	ug/l	98
46) Dibromomethane	9.17	93	126606	45.620	ug/l	99
47) Bromodichloromethane	9.37	83	252016	45.834	ug/l	98
48) Methyl methacrylate	9.17	41	123999	38.509	ug/l	95
49) 1,4-Dioxane	9.17	88	53175	1065.991	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	832765	206.483	ug/l	97
52) Toluene	10.12	92	452457	45.490	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	259085	43.741	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	281267	44.163	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184031	46.441	ug/l	97
56) Ethyl methacrylate	10.40	69	248127	44.825	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291103	45.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	509846	215.530	ug/l	99
59) 2-Hexanone	10.72	43	589630	203.570	ug/l	97
60) Dibromochloromethane	10.87	129	214463	47.606	ug/l	100
61) 1,2-Dibromoethane	10.98	107	190599	46.118	ug/l	100
64) Tetrachloroethene	10.60	164	222825	44.721	ug/l	97
65) Chlorobenzene	11.41	112	498703	45.326	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	194321	47.432	ug/l	99
67) Ethyl Benzene	11.48	91	858557	45.147	ug/l	99
68) m/p-Xylenes	11.59	106	683325	90.623	ug/l	99
69) o-Xylene	11.92	106	327033	45.663	ug/l	99
70) Styrene	11.94	104	561232	47.321	ug/l	98
71) Bromoform	12.10	173	152902	48.435	ug/l #	98
73) Isopropylbenzene	12.22	105	865798	42.851	ug/l	100
74) N-amyl acetate	12.04	43	256008	40.234	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	239784	42.349	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	202932m	40.313	ug/l	
77) Bromobenzene	12.50	156	232148	45.012	ug/l	97
78) n-propylbenzene	12.56	91	962036	42.650	ug/l	100
79) 2-Chlorotoluene	12.65	91	562159	41.796	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	729977	43.225	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76063	38.641	ug/l	98
82) 4-Chlorotoluene	12.75	91	592987	41.908	ug/l	99
83) tert-Butylbenzene	12.97	119	626164	41.965	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	723329	43.115	ug/l	98
85) sec-Butylbenzene	13.15	105	792653	41.226	ug/l	100
86) p-Isopropyltoluene	13.26	119	750721	42.398	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	408127	44.687	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	415686	44.679	ug/l	99
89) n-Butylbenzene	13.59	91	606091	40.867	ug/l	99
90) Hexachloroethane	13.85	117	102340	52.263	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	393609	45.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	43338	37.530	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	229835	45.027	ug/l	99
94) Hexachlorobutadiene	14.99	225	91258	41.920	ug/l	99
95) Naphthalene	15.10	128	664073	42.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	226211	45.074	ug/l	100

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

