

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061686.D
 Acq On : 8 Jun 2020 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 1:46:01 PM

Quant Time: Jun 09 03:26:31 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	7.62	168	365561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	181646	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	7.54	113	139976	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.06	98	627039	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.37	95	228500	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	190880	45.334	ug/l	97
3) Chloromethane	2.03	50	186838	41.904	ug/l	100
4) Vinyl Chloride	2.16	62	257980	42.223	ug/l	99
5) Bromomethane	2.52	94	160511	45.782	ug/l	100
6) Chloroethane	2.67	64	169115	43.001	ug/l	100
7) Trichlorofluoromethane	2.98	101	323954	41.116	ug/l	99
8) Diethyl Ether	3.37	74	106114	44.044	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168517	48.198	ug/l	96
10) Methyl Iodide	3.91	142	222423	45.826	ug/l	98
11) Tert butyl alcohol	4.72	59	129218	223.050	ug/l	99
12) 1,1-Dichloroethene	3.69	96	165782	44.381	ug/l	93
13) Acrolein	3.56	56	41776	248.783	ug/l	99
14) Allyl chloride	4.27	41	203716	41.715	ug/l	98
15) Acrylonitrile	4.92	53	342857	212.032	ug/l	100
16) Acetone	3.77	43	281004	233.697	ug/l	96
17) Carbon Disulfide	4.01	76	329603	40.106	ug/l	98
18) Methyl Acetate	4.27	43	164667	41.764	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	551263	43.302	ug/l	99
20) Methylene Chloride	4.50	84	188364	47.495	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	187538	44.519	ug/l	94
22) Diisopropyl ether	5.90	45	480346	44.628	ug/l	99
23) Vinyl Acetate	5.84	43	1762122	205.408	ug/l	98
24) 1,1-Dichloroethane	5.79	63	307992	45.126	ug/l	99
25) 2-Butanone	6.78	43	414925	201.014	ug/l	95
26) 2,2-Dichloropropane	6.77	77	286811	45.913	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	221300	46.393	ug/l	98
28) Bromochloromethane	7.15	49	131752	51.461	ug/l	96
29) Tetrahydrofuran	7.16	42	270890	199.016	ug/l	98
30) Chloroform	7.32	83	349443	46.278	ug/l	99
31) Cyclohexane	7.61	56	257928	42.020	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	312070	45.357	ug/l	99
36) 1,1-Dichloropropene	7.75	75	246522	49.173	ug/l	99
37) Ethyl Acetate	6.88	43	180491	44.700	ug/l	97
38) Carbon Tetrachloride	7.73	117	257634	53.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	292492	47.335	ug/l	98
40) Benzene	8.00	78	765942	49.517	ug/l	100
41) Methacrylonitrile	7.12	41	76165	41.170	ug/l	97
42) 1,2-Dichloroethane	8.08	62	246573	47.614	ug/l	100
43) Isopropyl Acetate	8.12	43	317716	43.735	ug/l	97
44) Trichloroethene	8.80	130	235517	49.543	ug/l	95
45) 1,2-Dichloropropane	9.08	63	182650	49.727	ug/l	99
46) Dibromomethane	9.17	93	135285	48.024	ug/l	95
47) Bromodichloromethane	9.37	83	281956	50.519	ug/l	100
48) Methyl methacrylate	9.17	41	136278	41.695	ug/l	97
49) 1,4-Dioxane	9.16	88	60829	1201.346	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	911041	222.542	ug/l	98
52) Toluene	10.12	92	513516	50.863	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	298792	49.696	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	323929	50.108	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	203267	50.535	ug/l	98
56) Ethyl methacrylate	10.40	69	269601	47.982	ug/l	98
57) 1,3-Dichloropropane	10.68	76	320998	49.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	581784	242.293	ug/l	99
59) 2-Hexanone	10.72	43	648626	220.617	ug/l	98
60) Dibromochloromethane	10.87	129	241110	52.727	ug/l	99
61) 1,2-Dibromoethane	10.98	107	210169	50.099	ug/l	99
64) Tetrachloroethene	10.60	164	261633	51.436	ug/l	97
65) Chlorobenzene	11.40	112	567646	50.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	217009	51.887	ug/l	98
67) Ethyl Benzene	11.48	91	983731	50.672	ug/l	100
68) m/p-Xylenes	11.59	106	784106	101.863	ug/l	98
69) o-Xylene	11.92	106	371565	50.821	ug/l	100
70) Styrene	11.94	104	640662	52.914	ug/l	99
71) Bromoform	12.10	173	171326	53.161	ug/l #	99
73) Isopropylbenzene	12.22	105	991411	48.383	ug/l	99
74) N-amyl acetate	12.04	43	276603	42.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	252464	43.966	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	232588m	45.560	ug/l	
77) Bromobenzene	12.50	156	265439	50.748	ug/l	94
78) n-propylbenzene	12.56	91	1120641	48.988	ug/l	100
79) 2-Chlorotoluene	12.65	91	645497	47.322	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	829383	48.426	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87491	43.826	ug/l	98
82) 4-Chlorotoluene	12.75	91	683018	47.597	ug/l	98
83) tert-Butylbenzene	12.97	119	722082	47.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	838895	49.305	ug/l	98
85) sec-Butylbenzene	13.15	105	928096	47.597	ug/l	99
86) p-Isopropyltoluene	13.26	119	873241	48.629	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	466473	50.363	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	475474	50.391	ug/l	98
89) n-Butylbenzene	13.59	91	723864	48.127	ug/l	99
90) Hexachloroethane	13.85	117	123642	62.260	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	446168	50.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	46117	39.379	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	265159	51.222	ug/l	98
94) Hexachlorobutadiene	14.98	225	109271	49.493	ug/l	99
95) Naphthalene	15.10	128	716963	45.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	254956	50.092	ug/l	99

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

