

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063788.D
 Acq On : 1 Oct 2020 21:45
 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
 10/2/2020 3:11:56 PM

Quant Time: Oct 02 03:45:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204991	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	7.55	113	138289	42.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.32%	
50) Toluene-d8	10.06	98	532316	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
62) 4-Bromofluorobenzene	12.38	95	203043	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123091	42.587	ug/l	99
3) Chloromethane	2.04	50	147589	43.518	ug/l	98
4) Vinyl Chloride	2.16	62	147832	43.425	ug/l	99
5) Bromomethane	2.53	94	89563	41.826	ug/l	98
6) Chloroethane	2.67	64	95350	46.873	ug/l	97
7) Trichlorofluoromethane	2.98	101	243587	45.116	ug/l	98
8) Diethyl Ether	3.37	74	83844	45.917	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126503	43.837	ug/l	99
10) Methyl Iodide	3.91	142	164777	49.177	ug/l	99
11) Tert butyl alcohol	4.73	59	123373	246.933	ug/l	98
12) 1,1-Dichloroethene	3.70	96	124980	45.309	ug/l	96
13) Acrolein	3.57	56	69471	226.556	ug/l	96
14) Allyl chloride	4.28	41	217778	42.498	ug/l	95
15) Acrylonitrile	4.93	53	345006	241.240	ug/l	99
16) Acetone	3.78	43	322953	231.829	ug/l	100
17) Carbon Disulfide	4.01	76	331976	44.605	ug/l	99
18) Methyl Acetate	4.28	43	175313	48.470	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	476872	47.585	ug/l	99
20) Methylene Chloride	4.51	84	154201	48.330	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	140593	45.505	ug/l	97
22) Diisopropyl ether	5.90	45	516631	49.001	ug/l	98
23) Vinyl Acetate	5.84	43	2155722	246.829	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284264	47.154	ug/l	99
25) 2-Butanone	6.78	43	489088	247.636	ug/l	99
26) 2,2-Dichloropropane	6.78	77	207381	37.565	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	162645	45.772	ug/l	98
28) Bromochloromethane	7.15	49	143334	48.106	ug/l	98
29) Tetrahydrofuran	7.16	42	328795	248.215	ug/l	99
30) Chloroform	7.33	83	302190	48.076	ug/l	95
31) Cyclohexane	7.61	56	226101	43.036	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	268916	47.432	ug/l	99
36) 1,1-Dichloropropene	7.75	75	207799	43.386	ug/l	98
37) Ethyl Acetate	6.88	43	210513	44.240	ug/l #	94
38) Carbon Tetrachloride	7.73	117	236347	44.007	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	193801	40.576	ug/l	99
40) Benzene	8.00	78	611474	44.698	ug/l	100
41) Methacrylonitrile	7.12	41	95965	45.377	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	267897	45.877	ug/l	100
43) Isopropyl Acetate	8.13	43	371040	47.273	ug/l	100
44) Trichloroethene	8.80	130	154178	43.014	ug/l	98
45) 1,2-Dichloropropane	9.08	63	165746	44.863	ug/l	100
46) Dibromomethane	9.17	93	114107	44.771	ug/l	98
47) Bromodichloromethane	9.37	83	245866	46.808	ug/l	99
48) Methyl methacrylate	9.17	41	187290	48.298	ug/l	96
49) 1,4-Dioxane	9.16	88	49745	902.611	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1118218	242.771	ug/l	100
52) Toluene	10.13	92	388852	45.955	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256170	45.496	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266858	45.318	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	160506	47.300	ug/l	95
56) Ethyl methacrylate	10.40	69	237300	49.335	ug/l	98
57) 1,3-Dichloropropane	10.68	76	268574	46.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	618819	240.513	ug/l	100
59) 2-Hexanone	10.72	43	818711	239.273	ug/l	99
60) Dibromochloromethane	10.87	129	179032	45.303	ug/l	100
61) 1,2-Dibromoethane	10.98	107	167071	48.131	ug/l	100
64) Tetrachloroethene	10.60	164	141071	41.206	ug/l	99
65) Chlorobenzene	11.41	112	410870	45.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161814	46.499	ug/l	100
67) Ethyl Benzene	11.49	91	764916	46.310	ug/l	99
68) m/p-Xylenes	11.59	106	561370	91.191	ug/l	98
69) o-Xylene	11.92	106	271243	47.142	ug/l	100
70) Styrene	11.94	104	468490	47.967	ug/l	99
71) Bromoform	12.10	173	121524	45.660	ug/l #	97
73) Isopropylbenzene	12.23	105	724729	45.972	ug/l	100
74) N-amyl acetate	12.05	43	334424	45.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227374	47.167	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	212450m	44.591	ug/l	
77) Bromobenzene	12.50	156	180215	46.589	ug/l	99
78) n-propylbenzene	12.57	91	829674	45.222	ug/l	100
79) 2-Chlorotoluene	12.65	91	515839	45.716	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	606470	45.856	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	73948	44.703	ug/l	98
82) 4-Chlorotoluene	12.75	91	543535	46.402	ug/l	99
83) tert-Butylbenzene	12.97	119	490880	45.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	616698	46.704	ug/l	98
85) sec-Butylbenzene	13.15	105	644148	45.333	ug/l	99
86) p-Isopropyltoluene	13.26	119	581994	46.300	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	315983	45.153	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	318865	43.761	ug/l	99
89) n-Butylbenzene	13.59	91	486240	41.911	ug/l	100
90) Hexachloroethane	13.85	117	111812	45.903	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	316549	45.668	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50562	44.724	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	148825	39.851	ug/l	97
94) Hexachlorobutadiene	14.98	225	79754	42.447	ug/l	98
95) Naphthalene	15.10	128	471154	40.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145466	40.113	ug/l	99

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

