

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062820.D
 Acq On : 10 Aug 2020 20:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 8/11/2020 3:25:11 PM

Quant Time: Aug 11 07:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	261161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	123738	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	7.55	113	86691	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	10.06	98	336563	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.38	95	130178	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	110073	48.522	ug/l	99
3) Chloromethane	2.04	50	96118	44.900	ug/l	99
4) Vinyl Chloride	2.16	62	100021	49.815	ug/l	98
5) Bromomethane	2.50	94	66799	50.257	ug/l	98
6) Chloroethane	2.65	64	67725	51.271	ug/l	99
7) Trichlorofluoromethane	2.97	101	186723	52.153	ug/l	96
8) Diethyl Ether	3.37	74	50476	49.247	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72592	50.277	ug/l	99
10) Methyl Iodide	3.91	142	92196	53.129	ug/l	99
11) Tert butyl alcohol	4.74	59	103803	241.753	ug/l	99
12) 1,1-Dichloroethene	3.69	96	68443	50.748	ug/l	98
13) Acrolein	3.57	56	66269	254.906	ug/l	100
14) Allyl chloride	4.28	41	121197	43.696	ug/l	98
15) Acrylonitrile	4.93	53	242616	243.616	ug/l	99
16) Acetone	3.78	43	206609	218.258	ug/l	99
17) Carbon Disulfide	4.00	76	179264	46.739	ug/l	98
18) Methyl Acetate	4.28	43	110522	49.349	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	310043	50.514	ug/l	97
20) Methylene Chloride	4.50	84	88169	50.908	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	73784	46.542	ug/l	96
22) Diisopropyl ether	5.90	45	287942	48.767	ug/l	98
23) Vinyl Acetate	5.84	43	1013567	225.687	ug/l	99
24) 1,1-Dichloroethane	5.80	63	159469	46.087	ug/l	99
25) 2-Butanone	6.79	43	319088	237.998	ug/l	99
26) 2,2-Dichloropropane	6.78	77	112170	35.168	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	91788	48.265	ug/l	92
28) Bromochloromethane	7.15	49	81840	49.007	ug/l	96
29) Tetrahydrofuran	7.17	42	210693	241.893	ug/l	97
30) Chloroform	7.33	83	172127	46.809	ug/l	98
31) Cyclohexane	7.61	56	148099	46.627	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	154603	47.024	ug/l	99
36) 1,1-Dichloropropene	7.75	75	117160	46.072	ug/l	99
37) Ethyl Acetate	6.88	43	116911	44.012	ug/l	99
38) Carbon Tetrachloride	7.73	117	136750	45.469	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	147007	48.037	ug/l	96
40) Benzene	8.00	78	344287	45.371	ug/l	98
41) Methacrylonitrile	7.13	41	54995	45.880	ug/l #	63
42) 1,2-Dichloroethane	8.09	62	146805	45.455	ug/l	100
43) Isopropyl Acetate	8.13	43	199836	45.102	ug/l #	89
44) Trichloroethene	8.80	130	84515	45.715	ug/l	98
45) 1,2-Dichloropropane	9.09	63	94647	46.085	ug/l	97
46) Dibromomethane	9.18	93	63595	47.260	ug/l	100
47) Bromodichloromethane	9.37	83	143740	47.560	ug/l	100
48) Methyl methacrylate	9.17	41	99564	45.686	ug/l	96
49) 1,4-Dioxane	9.17	88	39508	978.368	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	682069	237.924	ug/l	99
52) Toluene	10.13	92	223813	47.771	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	153554	46.190	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	154726	46.356	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	92913	46.433	ug/l	99
56) Ethyl methacrylate	10.40	69	154091	51.161	ug/l	97
57) 1,3-Dichloropropane	10.68	76	161792	47.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	208027	244.349	ug/l	99
59) 2-Hexanone	10.72	43	510549	238.750	ug/l	99
60) Dibromochloromethane	10.88	129	112047	49.068	ug/l	99
61) 1,2-Dibromoethane	10.98	107	96797	49.024	ug/l	98
64) Tetrachloroethene	10.60	164	73871	46.699	ug/l	98
65) Chlorobenzene	11.41	112	243304	47.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	99691	48.439	ug/l	99
67) Ethyl Benzene	11.48	91	452580	49.349	ug/l	99
68) m/p-Xylenes	11.60	106	333319	100.123	ug/l	98
69) o-Xylene	11.92	106	160166	51.338	ug/l	100
70) Styrene	11.94	104	285977	52.149	ug/l	98
71) Bromoform	12.10	173	79723	47.345	ug/l #	99
73) Isopropylbenzene	12.23	105	456187	51.647	ug/l	100
74) N-amyl acetate	12.05	43	179977	50.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	146612	47.152	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	135333m	42.780	ug/l	
77) Bromobenzene	12.50	156	106796	48.662	ug/l	96
78) n-propylbenzene	12.57	91	515626	49.731	ug/l	100
79) 2-Chlorotoluene	12.65	91	318972	49.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	398095	51.952	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	49249	47.525	ug/l	99
82) 4-Chlorotoluene	12.75	91	330815	49.373	ug/l	100
83) tert-Butylbenzene	12.97	119	334338	51.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	389180	53.088	ug/l	99
85) sec-Butylbenzene	13.15	105	434370	51.014	ug/l	100
86) p-Isopropyltoluene	13.27	119	386119	51.087	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	191353	48.806	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	186047	47.312	ug/l	99
89) n-Butylbenzene	13.59	91	299105	46.792	ug/l	99
90) Hexachloroethane	13.85	117	76666	47.058	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	186852	50.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	32769	49.090	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	83839	42.970	ug/l	96
94) Hexachlorobutadiene	14.98	225	55023	47.481	ug/l	99
95) Naphthalene	15.10	128	230330	43.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	85937	44.488	ug/l	100

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

