

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060758.D
 Acq On : 27 Mar 2020 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 01:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	126377	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.56	113	95147	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.08	98	381634	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	141036	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	85640	48.062	ug/l	100
3) Chloromethane	2.04	50	151852	45.630	ug/l	99
4) Vinyl Chloride	2.17	62	119420	45.878	ug/l	99
5) Bromomethane	2.55	94	57038	50.761	ug/l	99
6) Chloroethane	2.69	64	75148	50.118	ug/l	98
7) Trichlorofluoromethane	3.00	101	159364	49.701	ug/l	99
8) Diethyl Ether	3.38	74	65714	51.016	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94070	50.630	ug/l	99
10) Methyl Iodide	3.93	142	81988	49.591	ug/l	99
11) Tert butyl alcohol	4.72	59	87395	235.064	ug/l	99
12) 1,1-Dichloroethene	3.72	96	97791	49.047	ug/l	99
13) Acrolein	3.57	56	110759	268.795	ug/l	100
14) Allyl chloride	4.29	41	171405	48.879	ug/l	97
15) Acrylonitrile	4.94	53	270871	247.757	ug/l	100
16) Acetone	3.78	43	214804	239.876	ug/l	99
17) Carbon Disulfide	4.03	76	285175	47.029	ug/l	100
18) Methyl Acetate	4.28	43	124791	49.510	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	336521	49.091	ug/l	96
20) Methylene Chloride	4.52	84	110962	50.372	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	104507	49.180	ug/l	93
22) Diisopropyl ether	5.91	45	388966	52.502	ug/l	97
23) Vinyl Acetate	5.86	43	1580590	261.480	ug/l	100
24) 1,1-Dichloroethane	5.82	63	208898	51.723	ug/l	99
25) 2-Butanone	6.80	43	350795	242.088	ug/l	98
26) 2,2-Dichloropropane	6.80	77	148160	46.625	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	121481	50.307	ug/l	99
28) Bromochloromethane	7.17	49	101315	52.432	ug/l	99
29) Tetrahydrofuran	7.18	42	241414	235.467	ug/l	98
30) Chloroform	7.35	83	195887	50.593	ug/l	100
31) Cyclohexane	7.63	56	193676	47.567	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	170390	51.049	ug/l	99
36) 1,1-Dichloropropene	7.77	75	151729	50.193	ug/l	100
37) Ethyl Acetate	6.89	43	152766	46.770	ug/l	99
38) Carbon Tetrachloride	7.75	117	137590	50.785	ug/l	100

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39) Methylcyclohexane	9.06	83	178957	49.816	ug/l	98
40) Benzene	8.02	78	458380	50.231	ug/l	100
41) Methacrylonitrile	7.15	41	79060m	56.716	ug/l	
42) 1,2-Dichloroethane	8.10	62	156010	50.025	ug/l	100
43) Isopropyl Acetate	8.14	43	262986	48.821	ug/l	100
44) Trichloroethene	8.82	130	114019	49.565	ug/l	98
45) 1,2-Dichloropropane	9.10	63	126404	52.496	ug/l	97
46) Dibromomethane	9.19	93	74296	51.038	ug/l	100
47) Bromodichloromethane	9.38	83	156836	51.847	ug/l	98
48) Methyl methacrylate	9.18	41	117164	48.852	ug/l	100
49) 1,4-Dioxane	9.18	88	29496	1034.692	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	754833	246.251	ug/l	100
52) Toluene	10.14	92	276470	50.166	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	176919	50.916	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	192388	50.470	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	106821	50.383	ug/l	99
56) Ethyl methacrylate	10.42	69	167697	50.727	ug/l	98
57) 1,3-Dichloropropane	10.70	76	186952	50.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	388462	236.426	ug/l	99
59) 2-Hexanone	10.74	43	541462	245.217	ug/l	99
60) Dibromochloromethane	10.89	129	113548	51.847	ug/l	100
61) 1,2-Dibromoethane	10.99	107	109025	51.138	ug/l	99
64) Tetrachloroethene	10.62	164	103939	45.881	ug/l	99
65) Chlorobenzene	11.43	112	282911	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104388	50.519	ug/l	99
67) Ethyl Benzene	11.50	91	538339	50.724	ug/l	99
68) m/p-Xylenes	11.62	106	396628	100.568	ug/l	100
69) o-Xylene	11.94	106	191147	50.771	ug/l	99
70) Styrene	11.96	104	316362	51.379	ug/l	100
71) Bromoform	12.12	173	81087	47.309	ug/l #	99
73) Isopropylbenzene	12.24	105	511738	48.428	ug/l	99
74) N-amyl acetate	12.06	43	230425	47.191	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	152445	47.706	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	134844m	44.381	ug/l	
77) Bromobenzene	12.52	156	121805	47.837	ug/l	99
78) n-propylbenzene	12.59	91	604185	48.396	ug/l	99
79) 2-Chlorotoluene	12.67	91	356515	47.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	431211	48.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	53136	44.916	ug/l	99
82) 4-Chlorotoluene	12.77	91	365155	48.065	ug/l	100
83) tert-Butylbenzene	12.99	119	364453	49.027	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	434764	49.007	ug/l	99
85) sec-Butylbenzene	13.17	105	497147	49.734	ug/l	100
86) p-Isopropyltoluene	13.28	119	445183	49.527	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	220258	49.046	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	217724	48.255	ug/l	99
89) n-Butylbenzene	13.61	91	406940	50.143	ug/l	100
90) Hexachloroethane	13.87	117	70959	54.308	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	212662	49.524	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30393	45.384	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134931	51.168	ug/l	100
94) Hexachlorobutadiene	15.01	225	65654	50.788	ug/l	100
95) Naphthalene	15.13	128	377019	47.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128299	49.395	ug/l	100

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

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