

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060687.D
 Acq On : 25 Mar 2020 11:06
 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

apatel
 3/26/2020 11:00:08 AM

Quant Time: Mar 26 07:16:59 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	192510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	130335	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.56	113	96998	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.08	98	389333	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	143880	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98004	52.614	ug/l	99
3) Chloromethane	2.04	50	166846	47.959	ug/l	99
4) Vinyl Chloride	2.17	62	128929	47.382	ug/l	99
5) Bromomethane	2.54	94	58415	49.730	ug/l	98
6) Chloroethane	2.68	64	80398	51.292	ug/l	98
7) Trichlorofluoromethane	3.00	101	172599	51.492	ug/l	99
8) Diethyl Ether	3.38	74	70506	52.361	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	103782	53.433	ug/l	100
10) Methyl Iodide	3.93	142	89958	52.050	ug/l	99
11) Tert butyl alcohol	4.72	59	96066	247.172	ug/l	99
12) 1,1-Dichloroethene	3.72	96	104917	50.337	ug/l	99
13) Acrolein	3.57	56	151932	352.714	ug/l	98
14) Allyl chloride	4.29	41	185895	50.710	ug/l	98
15) Acrylonitrile	4.94	53	296450	259.385	ug/l	99
16) Acetone	3.77	43	267773	286.050	ug/l	98
17) Carbon Disulfide	4.03	76	314975	49.689	ug/l	99
18) Methyl Acetate	4.28	43	135944	51.594	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	362517	50.588	ug/l	98
20) Methylene Chloride	4.52	84	118316	51.380	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	111857	50.354	ug/l	93
22) Diisopropyl ether	5.91	45	409283	52.847	ug/l	97
23) Vinyl Acetate	5.85	43	1699694	268.980	ug/l	99
24) 1,1-Dichloroethane	5.81	63	222556	52.713	ug/l	100
25) 2-Butanone	6.79	43	405624	267.777	ug/l	98
26) 2,2-Dichloropropane	6.79	77	189184	56.952	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	129031	51.115	ug/l	99
28) Bromochloromethane	7.16	49	104030	51.500	ug/l	99
29) Tetrahydrofuran	7.17	42	266706	248.846	ug/l	99
30) Chloroform	7.34	83	209134	51.670	ug/l	99
31) Cyclohexane	7.63	56	209430	49.203	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	180190	51.642	ug/l	98
36) 1,1-Dichloropropene	7.77	75	165304	54.573	ug/l	100
37) Ethyl Acetate	6.89	43	167968	51.320	ug/l	99
38) Carbon Tetrachloride	7.75	117	144697	53.300	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	195509	54.314	ug/l	98
40) Benzene	8.02	78	488126	53.383	ug/l	100
41) Methacrylonitrile	7.14	41	61803m	44.246	ug/l	
42) 1,2-Dichloroethane	8.10	62	169541	54.254	ug/l	99
43) Isopropyl Acetate	8.14	43	287549	53.273	ug/l	99
44) Trichloroethene	8.81	130	124773	54.130	ug/l	97
45) 1,2-Dichloropropane	9.10	63	133378	55.280	ug/l	97
46) Dibromomethane	9.19	93	80746	55.356	ug/l	100
47) Bromodichloromethane	9.38	83	167702	55.327	ug/l	98
48) Methyl methacrylate	9.18	41	127495	53.052	ug/l	98
49) 1,4-Dioxane	9.18	88	36577	1280.486	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	826249	269.003	ug/l	100
52) Toluene	10.14	92	300663	54.445	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	194294	55.803	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	209844	54.937	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114345	53.822	ug/l	99
56) Ethyl methacrylate	10.42	69	184528	55.705	ug/l	99
57) 1,3-Dichloropropane	10.70	76	201543	54.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	497536	302.197	ug/l	99
59) 2-Hexanone	10.74	43	606311	274.029	ug/l	100
60) Dibromochloromethane	10.89	129	120998	55.137	ug/l	100
61) 1,2-Dibromoethane	10.99	107	116791	54.670	ug/l	99
64) Tetrachloroethene	10.62	164	117929	52.410	ug/l	99
65) Chlorobenzene	11.42	112	308270	54.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	112432	54.781	ug/l	98
67) Ethyl Benzene	11.50	91	577459	54.779	ug/l	100
68) m/p-Xylenes	11.61	106	427203	109.055	ug/l	99
69) o-Xylene	11.94	106	203232	54.347	ug/l	100
70) Styrene	11.96	104	342820	56.053	ug/l	100
71) Bromoform	12.12	173	87038	50.990	ug/l #	99
73) Isopropylbenzene	12.24	105	547432	51.767	ug/l	100
74) N-amyl acetate	12.06	43	253309	51.837	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	165043	51.609	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	149099m	49.035	ug/l	
77) Bromobenzene	12.52	156	132619	52.044	ug/l	98
78) n-propylbenzene	12.59	91	657402	52.618	ug/l	99
79) 2-Chlorotoluene	12.67	91	381466	51.101	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	470856	52.468	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62119	52.469	ug/l	99
82) 4-Chlorotoluene	12.77	91	403859	53.118	ug/l	99
83) tert-Butylbenzene	12.99	119	386305	51.927	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	466274	52.518	ug/l	100
85) sec-Butylbenzene	13.17	105	528128	52.793	ug/l	99
86) p-Isopropyltoluene	13.28	119	476393	52.958	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	240326	53.473	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	238874	52.902	ug/l	99
89) n-Butylbenzene	13.61	91	442079	54.431	ug/l	100
90) Hexachloroethane	13.87	117	72023	55.081	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	230582	53.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33499	50.011	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	144837	54.883	ug/l	100
94) Hexachlorobutadiene	15.01	225	68175	52.697	ug/l	100
95) Naphthalene	15.13	128	416255	52.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137361	52.844	ug/l	98

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

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