

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016662.D
 Acq On : 09 Jun 2020 15:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 05:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	246971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	363260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131654	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
35) Dibromofluoromethane	5.46	113	109090	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.70	98	411302	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.12	95	159312	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	105063	43.228	ug/l	97
3) Chloromethane	1.31	50	112566	38.325	ug/l	98
4) Vinyl Chloride	1.39	62	127864	41.166	ug/l	100
5) Bromomethane	1.62	94	70871	46.927	ug/l	95
6) Chloroethane	1.70	64	80041	44.176	ug/l	98
7) Trichlorofluoromethane	1.91	101	199616	48.935	ug/l	100
8) Diethyl Ether	2.17	74	75226	44.226	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112359	50.047	ug/l	98
10) Methyl Iodide	2.49	142	118400	44.500	ug/l	99
11) Tert butyl alcohol	3.01	59	159308	202.556	ug/l	99
12) 1,1-Dichloroethene	2.36	96	109310	45.998	ug/l	97
13) Acrolein	2.27	56	65813	196.714	ug/l	98
14) Allyl chloride	2.70	41	177724	40.666	ug/l	96
15) Acrylonitrile	3.11	53	335463	208.223	ug/l	99
16) Acetone	2.42	43	288528	214.719	ug/l	99
17) Carbon Disulfide	2.54	76	282376	40.014	ug/l	99
18) Methyl Acetate	2.74	43	151557	43.975	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	392593	46.007	ug/l	95
20) Methylene Chloride	2.83	84	121782	43.804	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	118458	45.066	ug/l	92
22) Diisopropyl ether	3.82	45	347793	41.426	ug/l	97
23) Vinyl Acetate	3.78	43	1539913	209.551	ug/l	96
24) 1,1-Dichloroethane	3.67	63	210720	44.469	ug/l	100
25) 2-Butanone	4.63	43	449732	197.517	ug/l	93
26) 2,2-Dichloropropane	4.54	77	199811	51.531	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	137885	45.343	ug/l	98
28) Bromochloromethane	4.98	49	89258	40.535	ug/l	84
29) Tetrahydrofuran	5.08	42	288651	196.227	ug/l	93
30) Chloroform	5.17	83	221125	46.313	ug/l	98
31) Cyclohexane	5.54	56	170782	40.061	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	206338	47.734	ug/l	98
36) 1,1-Dichloropropene	5.76	75	161033	46.820	ug/l	98
37) Ethyl Acetate	4.79	43	169090	40.949	ug/l	96
38) Carbon Tetrachloride	5.74	117	187074	51.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	186332	49.878	ug/l	96
40) Benzene	6.10	78	482333	47.092	ug/l	100
41) Methacrylonitrile	4.99	41	94297	41.574	ug/l	97
42) 1,2-Dichloroethane	6.15	62	174440	47.891	ug/l	100
43) Isopropyl Acetate	6.40	43	274105	42.557	ug/l	97
44) Trichloroethene	7.18	130	156564	48.178	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121014	46.411	ug/l	98
46) Dibromomethane	7.63	93	84041	47.986	ug/l	95
47) Bromodichloromethane	7.87	83	182311	50.274	ug/l	99
48) Methyl methacrylate	7.74	41	132888	43.091	ug/l	95
49) 1,4-Dioxane	7.71	88	64825	898.209	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	870812	217.132	ug/l	97
52) Toluene	8.76	92	316363	48.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	205926	49.940	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	214479	49.141	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	129021	50.242	ug/l	97
56) Ethyl methacrylate	9.16	69	199150	47.617	ug/l	96
57) 1,3-Dichloropropane	9.35	76	212236	48.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	506063	231.820	ug/l	96
59) 2-Hexanone	9.47	43	672622	215.667	ug/l	97
60) Dibromochloromethane	9.56	129	152206	52.668	ug/l	99
61) 1,2-Dibromoethane	9.65	107	137355	49.948	ug/l	100
64) Tetrachloroethene	9.32	164	187380	49.063	ug/l	99
65) Chlorobenzene	10.12	112	341831	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	137038	51.583	ug/l	99
67) Ethyl Benzene	10.23	91	604278	48.768	ug/l	99
68) m/p-Xylenes	10.34	106	466587	101.560	ug/l	98
69) o-Xylene	10.68	106	221798	49.850	ug/l	97
70) Styrene	10.70	104	389361	50.912	ug/l	99
71) Bromoform	10.84	173	118731	52.882	ug/l #	99
73) Isopropylbenzene	11.00	105	602451	47.754	ug/l	100
74) N-amyl acetate	10.88	43	232790	40.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	148915	47.098	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	179446m	44.837	ug/l	
77) Bromobenzene	11.24	156	156410	47.270	ug/l	95
78) n-propylbenzene	11.34	91	676103	47.969	ug/l	99
79) 2-Chlorotoluene	11.40	91	403321	46.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	510894	48.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	72777	44.731	ug/l	96
82) 4-Chlorotoluene	11.49	91	480740	47.319	ug/l	99
83) tert-Butylbenzene	11.76	119	455535	50.610	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	520774	48.884	ug/l	99
85) sec-Butylbenzene	11.93	105	559354	49.539	ug/l	100
86) p-Isopropyltoluene	12.05	119	544136	51.445	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	281877	49.171	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	283738	48.395	ug/l	99
89) n-Butylbenzene	12.37	91	463533	52.615	ug/l	99
90) Hexachloroethane	12.58	117	96284	52.702	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	268784	48.395	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44701	43.648	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	195091	52.890	ug/l	99
94) Hexachlorobutadiene	13.77	225	86586	59.787	ug/l	98
95) Naphthalene	13.82	128	595500	47.094	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	186540	51.620	ug/l	100

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

