

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013200.D
 Acq On : 24 Oct 2019 10:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:24 PM

Quant Time: Oct 25 01:39:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	87706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	123090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	123806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	90482	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	74048	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	8.71	98	267913	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.13	95	107042	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	84956	48.005	ug/l	97
3) Chloromethane	1.32	50	70336	48.295	ug/l	99
4) Vinyl Chloride	1.40	62	74738	46.926	ug/l	100
5) Bromomethane	1.63	94	37138	43.994	ug/l	94
6) Chloroethane	1.71	64	47200	53.115	ug/l	98
7) Trichlorofluoromethane	1.92	101	127104	50.571	ug/l	99
8) Diethyl Ether	2.18	74	42042	48.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77389	49.722	ug/l	99
10) Methyl Iodide	2.50	142	92136	47.200	ug/l	100
11) Tert butyl alcohol	3.03	59	93807	235.658	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72803	48.728	ug/l	99
13) Acrolein	2.28	56	49578	230.354	ug/l	99
14) Allyl chloride	2.72	41	112655	47.894	ug/l	99
15) Acrylonitrile	3.13	53	189522	234.392	ug/l	100
16) Acetone	2.43	43	250731	290.120	ug/l	97
17) Carbon Disulfide	2.56	76	188745	46.989	ug/l	100
18) Methyl Acetate	2.76	43	89762	47.613	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	253486	48.179	ug/l	99
20) Methylene Chloride	2.84	84	81076	50.165	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	78642	50.583	ug/l	95
22) Diisopropyl ether	3.84	45	223201	48.531	ug/l	90
23) Vinyl Acetate	3.80	43	970832	248.354	ug/l	99
24) 1,1-Dichloroethane	3.69	63	136163	48.133	ug/l	98
25) 2-Butanone	4.65	43	293933	253.605	ug/l	100
26) 2,2-Dichloropropane	4.57	77	130293	49.836	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	88232	48.220	ug/l	98
28) Bromochloromethane	5.00	49	38014	52.114	ug/l	99
29) Tetrahydrofuran	5.11	42	158169	226.403	ug/l	99
30) Chloroform	5.20	83	145295	48.240	ug/l	99
31) Cyclohexane	5.57	56	119585	50.407	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	133922	50.008	ug/l	99
36) 1,1-Dichloropropene	5.78	75	111039	53.897	ug/l	99
37) Ethyl Acetate	4.81	43	98545	48.042	ug/l	99
38) Carbon Tetrachloride	5.77	117	117222	51.522	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	133325	50.595	ug/l	97
40) Benzene	6.13	78	307994	49.816	ug/l	98
41) Methacrylonitrile	5.03	41	55022	50.033	ug/l	99
42) 1,2-Dichloroethane	6.18	62	119875	51.425	ug/l	99
43) Isopropyl Acetate	6.43	43	169717	49.834	ug/l	99
44) Trichloroethene	7.20	130	86806	49.470	ug/l	97
45) 1,2-Dichloropropane	7.50	63	76788	49.588	ug/l	98
46) Dibromomethane	7.65	93	54427	48.784	ug/l	99
47) Bromodichloromethane	7.89	83	114052	52.457	ug/l	99
48) Methyl methacrylate	7.76	41	82893	49.246	ug/l	99
49) 1,4-Dioxane	7.73	88	41224	962.264	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	503651	242.625	ug/l	99
52) Toluene	8.78	92	202723	49.476	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	125729	54.417	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135617	53.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	81279	50.174	ug/l	99
56) Ethyl methacrylate	9.17	69	127813	52.423	ug/l	99
57) 1,3-Dichloropropane	9.37	76	136686	50.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	268791	282.537	ug/l	100
59) 2-Hexanone	9.48	43	409875	256.331	ug/l	98
60) Dibromochloromethane	9.57	129	90104	53.082	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86278	50.169	ug/l	99
64) Tetrachloroethene	9.33	164	87569	57.618	ug/l	98
65) Chlorobenzene	10.14	112	216017	49.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	84608	52.847	ug/l	98
67) Ethyl Benzene	10.25	91	394848	50.891	ug/l	98
68) m/p-Xylenes	10.35	106	302339	103.112	ug/l	98
69) o-Xylene	10.70	106	142091	50.517	ug/l	100
70) Styrene	10.71	104	252045	52.040	ug/l	99
71) Bromoform	10.85	173	64713	55.319	ug/l	100
73) Isopropylbenzene	11.01	105	400804	49.806	ug/l	99
74) N-amyl acetate	10.89	43	145643	49.310	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	118143	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	100062m	46.849	ug/l	
77) Bromobenzene	11.25	156	95673	49.604	ug/l	97
78) n-propylbenzene	11.35	91	433411	49.582	ug/l	98
79) 2-Chlorotoluene	11.42	91	263785	47.761	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335536	50.164	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40220	51.746	ug/l	99
82) 4-Chlorotoluene	11.51	91	308000	49.218	ug/l	96
83) tert-Butylbenzene	11.76	119	325799	49.231	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	332896	49.341	ug/l	99
85) sec-Butylbenzene	11.94	105	370168	49.153	ug/l	100
86) p-Isopropyltoluene	12.06	119	367219	51.903	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173139	49.690	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	174060	49.064	ug/l	98
89) n-Butylbenzene	12.39	91	300499	51.920	ug/l	99
90) Hexachloroethane	12.59	117	62337	52.612	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	169030	49.333	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30886	50.830	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112922	52.338	ug/l	98
94) Hexachlorobutadiene	13.78	225	56281	50.428	ug/l	98
95) Naphthalene	13.83	128	352881	53.291	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	113684	53.323	ug/l	97

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

