

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019357.D
 Acq On : 09 Nov 2020 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:39 AM

Quant Time: Nov 10 01:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	270856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162221	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.46	113	128537	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.70	98	486623	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
62) 4-Bromofluorobenzene	11.12	95	191703	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109986	48.709	ug/l	98
3) Chloromethane	1.31	50	125595	49.787	ug/l	98
4) Vinyl Chloride	1.39	62	146915	50.218	ug/l	99
5) Bromomethane	1.62	94	90616	45.354	ug/l	98
6) Chloroethane	1.71	64	97684	52.296	ug/l	97
7) Trichlorofluoromethane	1.92	101	230700	50.194	ug/l	97
8) Diethyl Ether	2.17	74	92222	52.281	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131556	51.640	ug/l	98
10) Methyl Iodide	2.49	142	135256	45.620	ug/l	99
11) Tert butyl alcohol	3.01	59	168125	243.687	ug/l	99
12) 1,1-Dichloroethene	2.36	96	128096	48.795	ug/l	97
13) Acrolein	2.27	56	79696	258.174	ug/l	100
14) Allyl chloride	2.70	41	213631	53.727	ug/l	98
15) Acrylonitrile	3.11	53	372425	256.885	ug/l	100
16) Acetone	2.42	43	338527	280.927	ug/l	100
17) Carbon Disulfide	2.55	76	346254	46.329	ug/l	100
18) Methyl Acetate	2.75	43	156663	53.463	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	476446	52.380	ug/l	99
20) Methylene Chloride	2.83	84	150684	49.808	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145780	48.251	ug/l	95
22) Diisopropyl ether	3.82	45	439120	55.395	ug/l	98
23) Vinyl Acetate	3.78	43	1917191	271.210	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263672	53.274	ug/l	99
25) 2-Butanone	4.62	43	517330	272.403	ug/l	97
26) 2,2-Dichloropropane	4.54	77	245411	52.744	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	168058	49.778	ug/l	96
28) Bromochloromethane	4.97	49	117280	52.124	ug/l	91
29) Tetrahydrofuran	5.07	42	312498	261.106	ug/l	97
30) Chloroform	5.17	83	274330	52.073	ug/l	98
31) Cyclohexane	5.54	56	228356	51.718	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	247624	51.844	ug/l	99
36) 1,1-Dichloropropene	5.76	75	208590	50.830	ug/l	98
37) Ethyl Acetate	4.78	43	196129	51.476	ug/l	99
38) Carbon Tetrachloride	5.74	117	214113	51.188	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	250153	50.981	ug/l	96
40) Benzene	6.10	78	601541	51.700	ug/l	99
41) Methacrylonitrile	5.00	41	105719	51.523	ug/l	98
42) 1,2-Dichloroethane	6.15	62	220878	51.510	ug/l	100
43) Isopropyl Acetate	6.40	43	330787	51.849	ug/l	99
44) Trichloroethene	7.18	130	165696	49.725	ug/l	99
45) 1,2-Dichloropropane	7.48	63	153297	53.791	ug/l	99
46) Dibromomethane	7.63	93	104709	49.687	ug/l	99
47) Bromodichloromethane	7.87	83	217243	52.301	ug/l	98
48) Methyl methacrylate	7.74	41	161923	52.732	ug/l	96
49) 1,4-Dioxane	7.71	88	69093	1011.789	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	988170	269.492	ug/l	99
52) Toluene	8.76	92	384782	51.347	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	248581	52.395	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	263912	52.899	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	152233	51.415	ug/l	98
56) Ethyl methacrylate	9.16	69	238752	53.385	ug/l	98
57) 1,3-Dichloropropane	9.35	76	263272	52.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	661849	264.616	ug/l	96
59) 2-Hexanone	9.47	43	799735	286.521	ug/l	98
60) Dibromochloromethane	9.56	129	170116	52.941	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160200	50.596	ug/l	99
64) Tetrachloroethene	9.32	164	156955	50.765	ug/l	97
65) Chlorobenzene	10.12	112	410348	49.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	151641	50.785	ug/l	99
67) Ethyl Benzene	10.23	91	751017	50.815	ug/l	99
68) m/p-Xylenes	10.34	106	562893	101.477	ug/l	97
69) o-Xylene	10.68	106	266810	50.712	ug/l	99
70) Styrene	10.70	104	468347	52.171	ug/l	99
71) Bromoform	10.84	173	122139	51.591	ug/l	99
73) Isopropylbenzene	11.00	105	744367	48.691	ug/l	99
74) N-amyl acetate	10.88	43	284957	50.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235621	49.316	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	227324m	50.977	ug/l	
77) Bromobenzene	11.24	156	178348	47.006	ug/l	93
78) n-propylbenzene	11.34	91	860971	49.336	ug/l	100
79) 2-Chlorotoluene	11.40	91	511233	49.759	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	634646	49.140	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	82853	48.920	ug/l	99
82) 4-Chlorotoluene	11.49	91	612820	48.844	ug/l	99
83) tert-Butylbenzene	11.76	119	609957	49.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	639184	49.024	ug/l	99
85) sec-Butylbenzene	11.93	105	739147	49.837	ug/l	100
86) p-Isopropyltoluene	12.05	119	693124	50.632	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	336010	47.554	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	347698	47.273	ug/l	100
89) n-Butylbenzene	12.37	91	652878	50.739	ug/l	99
90) Hexachloroethane	12.58	117	118626	50.982	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	320015	47.167	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53695	45.909	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227844	44.708	ug/l	100
94) Hexachlorobutadiene	13.76	225	93121	41.509	ug/l	96
95) Naphthalene	13.82	128	716495	44.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218136	44.122	ug/l	99

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

