

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016195.D
 Acq On : 13 May 2020 21:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:02 PM

Quant Time: May 14 07:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	446482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165681	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.47	113	133263	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.70	98	519686	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.12	95	199666	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	142349	48.558	ug/l	99
3) Chloromethane	1.31	50	147569	43.346	ug/l	100
4) Vinyl Chloride	1.39	62	165312	45.513	ug/l	98
5) Bromomethane	1.62	94	74426	40.644	ug/l	97
6) Chloroethane	1.70	64	100138	45.311	ug/l	98
7) Trichlorofluoromethane	1.91	101	217495	45.610	ug/l	99
8) Diethyl Ether	2.17	74	90570	45.078	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125281	45.537	ug/l	99
10) Methyl Iodide	2.49	142	130838	35.405	ug/l	100
11) Tert butyl alcohol	3.02	59	210568	228.483	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128691	44.700	ug/l	98
13) Acrolein	2.27	56	127111	220.410	ug/l	99
14) Allyl chloride	2.70	41	237990	45.084	ug/l	96
15) Acrylonitrile	3.12	53	450110	235.432	ug/l	100
16) Acetone	2.42	43	357006	219.543	ug/l	97
17) Carbon Disulfide	2.55	76	376128	43.477	ug/l	99
18) Methyl Acetate	2.75	43	195855	48.985	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	491459	49.519	ug/l	99
20) Methylene Chloride	2.84	84	152796	45.580	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145571	45.374	ug/l	98
22) Diisopropyl ether	3.82	45	472046	47.400	ug/l	94
23) Vinyl Acetate	3.79	43	2077071	237.067	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269340	48.348	ug/l	99
25) 2-Butanone	4.64	43	619794	236.531	ug/l	99
26) 2,2-Dichloropropane	4.55	77	211714	41.614	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170048	48.482	ug/l	96
28) Bromochloromethane	4.98	49	125288	49.321	ug/l	97
29) Tetrahydrofuran	5.09	42	405007	233.265	ug/l	98
30) Chloroform	5.18	83	268744	48.451	ug/l	100
31) Cyclohexane	5.55	56	232970	46.015	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242617	48.120	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201894	45.937	ug/l	99
37) Ethyl Acetate	4.79	43	236368	46.402	ug/l	99
38) Carbon Tetrachloride	5.76	117	213037	47.689	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229557	43.372	ug/l	99
40) Benzene	6.11	78	615286	47.847	ug/l	100
41) Methacrylonitrile	5.01	41	126862	46.115	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215051	46.423	ug/l	99
43) Isopropyl Acetate	6.42	43	378481	46.568	ug/l	99
44) Trichloroethene	7.19	130	203401	44.522	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160071	49.194	ug/l	98
46) Dibromomethane	7.64	93	104051	47.055	ug/l	98
47) Bromodichloromethane	7.88	83	219571	48.755	ug/l	100
48) Methyl methacrylate	7.74	41	179612	46.638	ug/l	96
49) 1,4-Dioxane	7.71	88	84462	914.440	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1196048	240.481	ug/l	98
52) Toluene	8.77	92	388850	48.512	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	252358	46.997	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	266883	47.584	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	155764	49.392	ug/l	97
56) Ethyl methacrylate	9.16	69	256722	49.871	ug/l	96
57) 1,3-Dichloropropane	9.35	76	269610	48.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	674475	246.114	ug/l	100
59) 2-Hexanone	9.48	43	927682	237.510	ug/l	98
60) Dibromochloromethane	9.57	129	175282	50.466	ug/l	99
61) 1,2-Dibromoethane	9.65	107	166849	48.844	ug/l	98
64) Tetrachloroethene	9.32	164	233561	45.554	ug/l	97
65) Chlorobenzene	10.12	112	408762	46.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	159882	49.464	ug/l	98
67) Ethyl Benzene	10.24	91	735624	47.145	ug/l	98
68) m/p-Xylenes	10.34	106	561613	96.068	ug/l	99
69) o-Xylene	10.68	106	272662	48.522	ug/l	98
70) Styrene	10.70	104	470976	49.403	ug/l	99
71) Bromoform	10.84	173	135143	51.319	ug/l #	100
73) Isopropylbenzene	11.00	105	728491	46.336	ug/l	98
74) N-amyl acetate	10.88	43	328328	44.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167021	53.599	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	228539m	46.592	ug/l	
77) Bromobenzene	11.24	156	186291	45.906	ug/l	99
78) n-propylbenzene	11.34	91	828410	45.293	ug/l	99
79) 2-Chlorotoluene	11.40	91	493419	45.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608230	45.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	91805	44.602	ug/l	98
82) 4-Chlorotoluene	11.49	91	580941	45.568	ug/l	99
83) tert-Butylbenzene	11.76	119	527643	46.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619983	46.197	ug/l	99
85) sec-Butylbenzene	11.93	105	688784	44.593	ug/l	100
86) p-Isopropyltoluene	12.05	119	645079	44.982	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329938	45.281	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	333632	45.112	ug/l	99
89) n-Butylbenzene	12.37	91	551994	42.133	ug/l	99
90) Hexachloroethane	12.58	117	113635	46.138	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	326862	46.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56811	43.945	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	227681	43.831	ug/l	98
94) Hexachlorobutadiene	13.77	225	87618	39.285	ug/l	100
95) Naphthalene	13.82	128	779968	46.372	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227900	44.892	ug/l	99

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

