

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017504.D
 Acq On : 23 Jul 2020 19:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:01:00 PM

Quant Time: Jul 24 06:47:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	542319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	921488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	822572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	426762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	369628	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
35) Dibromofluoromethane	5.46	113	275934	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.70	98	1020422	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.12	95	419108	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	259514	51.611	ug/l	98
3) Chloromethane	1.31	50	333880	49.808	ug/l	100
4) Vinyl Chloride	1.39	62	330845	48.479	ug/l	98
5) Bromomethane	1.62	94	193978	53.070	ug/l	98
6) Chloroethane	1.71	64	194748	51.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	524380	48.852	ug/l	96
8) Diethyl Ether	2.17	74	179122	51.513	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	281247	47.746	ug/l	97
10) Methyl Iodide	2.49	142	296993	39.410	ug/l	96
11) Tert butyl alcohol	3.02	59	379103	258.207	ug/l	99
12) 1,1-Dichloroethene	2.36	96	279759	49.943	ug/l	97
13) Acrolein	2.28	56	263024	234.896	ug/l	99
14) Allyl chloride	2.70	41	462875	45.254	ug/l	99
15) Acrylonitrile	3.12	53	770275	242.900	ug/l	100
16) Acetone	2.42	43	723854	236.081	ug/l	99
17) Carbon Disulfide	2.55	76	738153	43.354	ug/l	99
18) Methyl Acetate	2.75	43	334100	46.267	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	904788	46.667	ug/l	99
20) Methylene Chloride	2.84	84	284919	49.322	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280518	46.746	ug/l	97
22) Diisopropyl ether	3.83	45	913282	48.833	ug/l	96
23) Vinyl Acetate	3.79	43	4252524	255.020	ug/l	99
24) 1,1-Dichloroethane	3.67	63	530151	49.209	ug/l	99
25) 2-Butanone	4.64	43	1174377	269.615	ug/l	98
26) 2,2-Dichloropropane	4.55	77	456898	47.378	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	338990	52.009	ug/l	99
28) Bromochloromethane	4.98	49	222261	45.526	ug/l	95
29) Tetrahydrofuran	5.09	42	714379	264.775	ug/l	99
30) Chloroform	5.18	83	546970	49.688	ug/l	100
31) Cyclohexane	5.55	56	419826	48.867	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	517509	49.854	ug/l	99
36) 1,1-Dichloropropene	5.77	75	392373	44.397	ug/l	99
37) Ethyl Acetate	4.80	43	444282	45.944	ug/l	99
38) Carbon Tetrachloride	5.76	117	478303	44.566	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	476847	46.219	ug/l	98
40) Benzene	6.12	78	1142394	45.086	ug/l	97
41) Methacrylonitrile	5.01	41	245612	44.312	ug/l	99
42) 1,2-Dichloroethane	6.17	62	470311	45.371	ug/l	99
43) Isopropyl Acetate	6.42	43	754165	47.268	ug/l	100
44) Trichloroethene	7.19	130	361774	48.857	ug/l	99
45) 1,2-Dichloropropane	7.49	63	332793	47.379	ug/l	99
46) Dibromomethane	7.64	93	235287	47.399	ug/l	100
47) Bromodichloromethane	7.88	83	487236	48.781	ug/l	97
48) Methyl methacrylate	7.75	41	399906	50.565	ug/l	99
49) 1,4-Dioxane	7.71	88	170632	1125.324	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2290974	240.656	ug/l	99
52) Toluene	8.76	92	747136	45.979	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	487458	43.597	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	523801	45.929	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	303741	44.871	ug/l	99
56) Ethyl methacrylate	9.16	69	461852	45.287	ug/l	99
57) 1,3-Dichloropropane	9.35	76	492848	44.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1246913	232.073	ug/l	100
59) 2-Hexanone	9.48	43	1663680	232.122	ug/l	98
60) Dibromochloromethane	9.57	129	378340	43.974	ug/l	100
61) 1,2-Dibromoethane	9.65	107	325356	45.145	ug/l	100
64) Tetrachloroethene	9.32	164	320906	43.467	ug/l	96
65) Chlorobenzene	10.12	112	823788	46.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	331916	46.191	ug/l	100
67) Ethyl Benzene	10.24	91	1502943	50.569	ug/l	99
68) m/p-Xylenes	10.34	106	1069306	92.872	ug/l	97
69) o-Xylene	10.68	106	511997	46.235	ug/l	97
70) Styrene	10.70	104	900052	47.771	ug/l	99
71) Bromoform	10.84	173	286805	46.069	ug/l #	99
73) Isopropylbenzene	11.00	105	1435916	49.046	ug/l	100
74) N-amyl acetate	10.88	43	641835	49.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	414513	45.360	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	404234m	46.047	ug/l	
77) Bromobenzene	11.24	156	386608	47.170	ug/l	99
78) n-propylbenzene	11.35	91	1667426	50.498	ug/l	100
79) 2-Chlorotoluene	11.40	91	971936	47.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1255345	50.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	166054	47.663	ug/l	96
82) 4-Chlorotoluene	11.49	91	1161494	48.139	ug/l	100
83) tert-Butylbenzene	11.76	119	1192751	49.868	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1226117	49.317	ug/l	99
85) sec-Butylbenzene	11.93	105	1400581	50.267	ug/l	99
86) p-Isopropyltoluene	12.05	119	1316086	49.600	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	689603	48.996	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	668753	45.872	ug/l	100
89) n-Butylbenzene	12.37	91	1111558	47.013	ug/l	99
90) Hexachloroethane	12.58	117	248837	47.568	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	642856	46.473	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110748	43.222	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	449750	47.639	ug/l	100
94) Hexachlorobutadiene	13.77	225	197116	45.358	ug/l	98
95) Naphthalene	13.82	128	1437059	50.991	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	456351	48.955	ug/l	99

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

