

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016292.D
 Acq On : 15 May 2020 19:36
 Operator : JC/SP
 Sample : L2649-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:49 PM

Quant Time: May 16 08:20:30 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	5.64	168	240999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	147455	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	120663	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	8.70	98	462001	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.12	95	179599	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121204	47.514	ug/l	99
3) Chloromethane	1.31	50	133277	44.989	ug/l	99
4) Vinyl Chloride	1.39	62	273090	86.404	ug/l	100
5) Bromomethane	1.62	94	42671	26.779	ug/l	98
6) Chloroethane	1.70	64	90822	47.227	ug/l	100
7) Trichlorofluoromethane	1.91	101	191666	46.191	ug/l	100
8) Diethyl Ether	2.17	74	81424	46.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103033	43.039	ug/l	99
10) Methyl Iodide	2.49	142	77407	24.072	ug/l	99
11) Tert butyl alcohol	3.03	59	218509	272.475	ug/l	100
12) 1,1-Dichloroethene	2.35	96	115431	46.076	ug/l	97
13) Acrolein	2.27	56	175257	349.238	ug/l	100
14) Allyl chloride	2.70	41	204212	44.457	ug/l	93
15) Acrylonitrile	3.12	53	424797	255.344	ug/l	99
16) Acetone	2.42	43	355919	251.532	ug/l	94
17) Carbon Disulfide	2.55	76	328822	43.681	ug/l	100
18) Methyl Acetate	2.75	43	172960	49.713	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	436525	50.546	ug/l	99
20) Methylene Chloride	2.83	84	135582	46.480	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	134040	48.013	ug/l	98
22) Diisopropyl ether	3.82	45	416334	48.044	ug/l	98
23) Vinyl Acetate	3.79	43	1737567	227.907	ug/l	99
24) 1,1-Dichloroethane	3.67	63	237227	48.937	ug/l	99
25) 2-Butanone	4.64	43	594714	260.823	ug/l	100
26) 2,2-Dichloropropane	4.55	77	170558	38.526	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	209456	68.628	ug/l	92
28) Bromochloromethane	4.98	49	104644	47.341	ug/l	97
29) Tetrahydrofuran	5.09	42	384033	254.187	ug/l	96
30) Chloroform	5.18	83	241493	50.034	ug/l	100
31) Cyclohexane	5.55	56	184075	41.782	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	213681	48.705	ug/l	98
36) 1,1-Dichloropropene	5.77	75	177346	44.376	ug/l	100
37) Ethyl Acetate	4.80	43	203908	44.022	ug/l	98
38) Carbon Tetrachloride	5.76	117	184920	45.524	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154405	32.083	ug/l	99
40) Benzene	6.12	78	548914	46.943	ug/l	98
41) Methacrylonitrile	5.01	41	117769	47.080	ug/l	97
42) 1,2-Dichloroethane	6.17	62	191201	45.391	ug/l	99
43) Isopropyl Acetate	6.42	43	332678	45.015	ug/l	98
44) Trichloroethene	7.19	130	163585	39.378	ug/l	98
45) 1,2-Dichloropropane	7.49	63	141467	47.813	ug/l	100
46) Dibromomethane	7.64	93	94751	47.123	ug/l	99
47) Bromodichloromethane	7.88	83	198464	48.464	ug/l	99
48) Methyl methacrylate	7.75	41	164105	46.861	ug/l	95
49) 1,4-Dioxane	7.71	88	90554	1078.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1122892	248.290	ug/l	97
52) Toluene	8.77	92	347094	47.622	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	222305	45.530	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	233329	45.751	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	141787	49.445	ug/l	97
56) Ethyl methacrylate	9.16	69	233953	49.981	ug/l	94
57) 1,3-Dichloropropane	9.35	76	243964	48.757	ug/l	100
59) 2-Hexanone	9.48	43	882168	248.384	ug/l	96
60) Dibromochloromethane	9.57	129	158280	50.117	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151048	48.629	ug/l	99
64) Tetrachloroethene	9.32	164	157951	33.558	ug/l	99
65) Chlorobenzene	10.12	112	366523	45.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	141373	47.644	ug/l	99
67) Ethyl Benzene	10.24	91	646302	45.120	ug/l	99
68) m/p-Xylenes	10.34	106	486125	90.582	ug/l	99
69) o-Xylene	10.68	106	237130	45.967	ug/l	100
70) Styrene	10.70	104	422126	48.233	ug/l	100
71) Bromoform	10.84	173	122937	50.853	ug/l #	100
73) Isopropylbenzene	11.01	105	600563	45.198	ug/l	99
74) N-amyl acetate	10.88	43	284619	45.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	198182	72.013	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	207688m	50.100	ug/l	
77) Bromobenzene	11.24	156	161109	46.975	ug/l	98
78) n-propylbenzene	11.35	91	675156	43.678	ug/l	100
79) 2-Chlorotoluene	11.41	91	421354	46.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	495475	44.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	79735	45.837	ug/l	95
82) 4-Chlorotoluene	11.49	91	500150	46.419	ug/l	100
83) tert-Butylbenzene	11.76	119	433074	44.793	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	504332	44.465	ug/l	99
85) sec-Butylbenzene	11.93	105	494959	37.916	ug/l	99
86) p-Isopropyltoluene	12.05	119	465588	38.415	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	274045	44.502	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	279730	44.755	ug/l	99
89) n-Butylbenzene	12.37	91	374728	33.844	ug/l	100
90) Hexachloroethane	12.58	117	82340	39.558	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	272078	45.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56469	51.685	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	163826	37.318	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	47554	25.416	ug/l	98
95) Naphthalene	13.82	128	649237	45.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161477	37.636	ug/l	99

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

