

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016918.D
 Acq On : 20 Jun 2020 08:55
 Operator : JC/SP
 Sample : L3066-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MS

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:06 PM

Quant Time: Jun 22 08:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	374037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	518532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	576847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	259515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	201038	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.46	113	176414	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.70	98	678737	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.12	95	265927	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	202614	44.140	ug/l	100
3) Chloromethane	1.31	50	166990	35.878	ug/l	100
4) Vinyl Chloride	1.39	62	234292	44.663	ug/l	99
5) Bromomethane	1.62	94	67991	21.526	ug/l	98
6) Chloroethane	1.71	64	142422	44.082	ug/l	98
7) Trichlorofluoromethane	1.92	101	303114	41.304	ug/l	98
8) Diethyl Ether	2.17	74	124417	43.606	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139864	35.781	ug/l	98
10) Methyl Iodide	2.49	142	69475	18.670	ug/l	96
11) Tert butyl alcohol	3.01	59	178227	234.364	ug/l	99
12) 1,1-Dichloroethene	2.35	96	150717	37.707	ug/l	99
13) Acrolein	2.27	56	137354	297.903	ug/l	100
14) Allyl chloride	2.71	41	236332	44.699	ug/l	95
15) Acrylonitrile	3.12	53	441163	253.151	ug/l	98
16) Acetone	2.42	43	341673	209.228	ug/l	97
17) Carbon Disulfide	2.55	76	428546	41.486	ug/l	99
18) Methyl Acetate	2.75	43	184990	44.548	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	520345	45.680	ug/l	99
20) Methylene Chloride	2.84	84	167640	42.808	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	164656	43.640	ug/l	100
22) Diisopropyl ether	3.82	45	488639	48.237	ug/l	95
23) Vinyl Acetate	3.78	43	1744786	208.882	ug/l	99
24) 1,1-Dichloroethane	3.67	63	288149	45.538	ug/l	100
25) 2-Butanone	4.63	43	572968	254.941	ug/l	99
26) 2,2-Dichloropropane	4.55	77	157981	26.649	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	187343	44.177	ug/l	98
28) Bromochloromethane	4.98	49	145233	55.301	ug/l	88
29) Tetrahydrofuran	5.09	42	448609	316.940	ug/l	95
30) Chloroform	5.18	83	338196	50.626	ug/l	95
31) Cyclohexane	5.55	56	298473	53.654	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	304144	48.104	ug/l	98
36) 1,1-Dichloropropene	5.78	75	263844	55.108	ug/l	98
37) Ethyl Acetate	4.79	43	200136	47.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	271922	50.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	273008	49.041	ug/l	97
40) Benzene	6.12	78	762352	53.066	ug/l	99
41) Methacrylonitrile	5.00	41	152386	66.354	ug/l	96
42) 1,2-Dichloroethane	6.17	62	240754	47.095	ug/l	99
43) Isopropyl Acetate	6.42	43	345110	46.717	ug/l	100
44) Trichloroethene	7.19	130	189615	43.098	ug/l	98
45) 1,2-Dichloropropane	7.49	63	204619	56.658	ug/l	95
46) Dibromomethane	7.64	93	133753	54.612	ug/l	98
47) Bromodichloromethane	7.88	83	276118	53.009	ug/l	99
48) Methyl methacrylate	7.74	41	219446	63.085	ug/l	97
49) 1,4-Dioxane	7.71	88	86678	1113.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1400207	315.139	ug/l	98
52) Toluene	8.77	92	495011	51.941	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	301319	52.619	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	316093	51.597	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	199648	55.485	ug/l	98
56) Ethyl methacrylate	9.16	69	324970	62.385	ug/l	98
57) 1,3-Dichloropropane	9.35	76	338941	55.565	ug/l	99
59) 2-Hexanone	9.48	43	1030757	320.352	ug/l	99
60) Dibromochloromethane	9.57	129	231067	53.530	ug/l	100
61) 1,2-Dibromoethane	9.65	107	214401	54.905	ug/l	99
64) Tetrachloroethene	9.32	164	191101	35.776	ug/l	98
65) Chlorobenzene	10.12	112	549471	47.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	197388	43.601	ug/l	99
67) Ethyl Benzene	10.24	91	2116453	107.387	ug/l	100
68) m/p-Xylenes	10.34	106	1317322	171.766	ug/l	99
69) o-Xylene	10.68	106	346460	48.856	ug/l	98
70) Stvrene	10.69	104	605818	50.279	ug/l	99
71) Bromoform	10.84	173	180593	47.447	ug/l #	99
73) Isopropylbenzene	11.01	105	4287419	256.594	ug/l	99
74) N-amyl acetate	10.88	43	372939	63.918	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	303822	64.395	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	256994m	54.223	ug/l	
77) Bromobenzene	11.24	156	245280	53.826	ug/l	95
78) n-propylbenzene	11.35	91	7031607	377.079	ug/l	98
79) 2-Chlorotoluene	11.41	91	917167	80.387	ug/l	79
80) 1,3,5-Trimethylbenzene	11.49	105	2685667	186.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90551	46.786	ug/l	97
82) 4-Chlorotoluene	11.49	91	903118	65.980	ug/l	88
83) tert-Butylbenzene	11.76	119	1007342	70.621	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	13095910	881.847	ug/l	82
85) sec-Butylbenzene	11.93	105	2035924	122.897	ug/l	85
86) p-Isopropyltoluene	12.05	119	1160952	76.487	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	389488	46.783	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	390314	46.357	ug/l	99
89) n-Butylbenzene	12.37	91	1212026	93.119	ug/l #	81
90) Hexachloroethane	12.58	117	244969	89.595	ug/l #	50
91) 1,2-Dichlorobenzene	12.38	146	370182	46.059	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	81507	72.859	ug/l	82
93) 1,2,4-Trichlorobenzene	13.63	180	284021	52.626	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	72910	29.938	ug/l	99
95) Naphthalene	13.82	128	1939107	122.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	279189	51.873	ug/l	98

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

