

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021561.D
 Acq On : 27 Mar 2021 04:17
 Operator : JC/MD
 Sample : M1787-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20210318MSD

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:45 PM

Quant Time: Mar 27 05:10:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	72443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61098	50.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.38%		
35) Dibromofluoromethane	5.464	113	43258	49.10	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.20%		
50) Toluene-d8	8.694	98	148932	47.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.88%		
62) 4-Bromofluorobenzene	11.118	95	56206	46.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	39799	49.98	ug/l	96
3) Chloromethane	1.310	50	45130	49.30	ug/l	99
4) Vinyl Chloride	1.393	62	43028	52.83	ug/l	100
5) Bromomethane	1.622	94	18347	55.97	ug/l	95
6) Chloroethane	1.699	64	27562	53.36	ug/l	99
7) Trichlorofluoromethane	1.910	101	69444	52.43	ug/l	98
8) Diethyl Ether	2.169	74	24636	53.60	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	37325	50.06	ug/l	96
10) Methyl Iodide	2.487	142	34368	57.83	ug/l #	89
11) Tert butyl alcohol	3.022	59	53303	267.49	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37472	51.33	ug/l	84
13) Acrolein	2.275	56	19588	195.83	ug/l	98
14) Allyl chloride	2.705	41	70912	47.85	ug/l #	88
15) Acrylonitrile	3.116	53	129315	273.06	ug/l	97
16) Acetone	2.422	43	126308	277.14	ug/l	88
17) Carbon Disulfide	2.546	76	93619	45.67	ug/l	100
18) Methyl Acetate	2.752	43	50436	38.31	ug/l	90
19) Methyl tert-butyl Ether	3.169	73	148707	54.54	ug/l	99
20) Methylene Chloride	2.834	84	45360	51.00	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	41671	51.96	ug/l	91
22) Diisopropyl ether	3.828	45	153375	53.27	ug/l	88
23) Vinyl Acetate	3.787	43	404787	166.22	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	84478	54.43	ug/l	98
25) 2-Butanone	4.634	43	190642	275.95	ug/l	91
26) 2,2-Dichloropropane	4.552	77	33803	25.14	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	48550	52.14	ug/l	95
28) Bromochloromethane	4.981	49	38754	49.87	ug/l	86
29) Tetrahydrofuran	5.087	42	122750	274.04	ug/l	86
30) Chloroform	5.176	83	90457	55.22	ug/l	98
31) Cyclohexane	5.546	56	67362	50.82	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	77987	53.72	ug/l	97
36) 1,1-Dichloropropene	5.770	75	59866	49.26	ug/l	97
37) Ethyl Acetate	4.799	43	48413	34.45	ug/l #	92
38) Carbon Tetrachloride	5.752	117	68043	52.10	ug/l	95
39) Methylcyclohexane	7.441	83	62146	46.13	ug/l	93
40) Benzene	6.111	78	180475	52.30	ug/l	100

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41) Methacrylonitrile	5.005	41	42202	51.78	ug/l	89
42) 1,2-Dichloroethane	6.158	62	78595	52.53	ug/l	93
43) Isopropyl Acetate	6.411	43	92308	40.46	ug/l #	91
44) Trichloroethene	7.188	130	48408	53.15	ug/l	90
45) 1,2-Dichloropropane	7.488	63	48528	51.91	ug/l	97
46) Dibromomethane	7.635	93	35011	51.38	ug/l	92
47) Bromodichloromethane	7.876	83	72020	51.94	ug/l	98
48) Methyl methacrylate	7.747	41	62710	51.52	ug/l #	82
49) 1,4-Dioxane	7.711	88	23502	1078.53	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	377730	269.14	ug/l	88
52) Toluene	8.764	92	110084	51.64	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	65425	46.73	ug/l	100
54) cis-1,3-Dichloropropene	8.411	75	67817	45.51	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	46967	52.20	ug/l	97
56) Ethyl methacrylate	9.158	69	71636	47.26	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	80696	52.41	ug/l	99
59) 2-Hexanone	9.470	43	284595	270.06	ug/l	85
60) Dibromochloromethane	9.564	129	52892	52.49	ug/l	99
61) 1,2-Dibromoethane	9.653	107	49743	51.47	ug/l	99
64) Tetrachloroethene	9.317	164	39766	52.26	ug/l	93
65) Chlorobenzene	10.117	112	114984	50.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	45812	52.39	ug/l	98
67) Ethyl Benzene	10.235	91	213682	51.37	ug/l	98
68) m/p-Xylenes	10.341	106	152345	102.80	ug/l	93
69) o-Xylene	10.682	106	74654	52.01	ug/l	92
70) Styrene	10.694	104	126531	51.26	ug/l	95
71) Bromoform	10.841	173	38041	53.53	ug/l #	99
73) Isopropylbenzene	11.000	105	202268	53.94	ug/l	100
74) N-amyl acetate	10.882	43	62162	34.26	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	72849	54.99	ug/l	98
76) 1,2,3-Trichloropropane	11.276	75	67834m	54.60	ug/l	
77) Bromobenzene	11.235	156	50510	54.34	ug/l	96
78) n-propylbenzene	11.341	91	230613	52.08	ug/l	98
79) 2-Chlorotoluene	11.406	91	142418	53.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	174765	54.55	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	16872	41.37	ug/l #	82
82) 4-Chlorotoluene	11.494	91	167462	52.51	ug/l	97
83) tert-Butylbenzene	11.753	119	162587	52.13	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	177268	54.89	ug/l	97
85) sec-Butylbenzene	11.929	105	188441	52.38	ug/l	99
86) p-Isopropyltoluene	12.047	119	168074	51.32	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	87374	52.20	ug/l	98
88) 1,4-Dichlorobenzene	12.082	146	87216	50.37	ug/l	97
89) n-Butylbenzene	12.371	91	143275	47.75	ug/l	97
90) Hexachloroethane	12.577	117	30551	51.69	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	85855	52.75	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.982	75	17472	52.24	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	54023	50.65	ug/l	99
94) Hexachlorobutadiene	13.765	225	20747	43.09	ug/l	97
95) Naphthalene	13.818	128	191062	54.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	56249	52.76	ug/l	98

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

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