

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023916.D
 Acq On : 23 Aug 2021 22:22
 Operator : JC/MD
 Sample : M3520-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-400-402MSD

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:44:09 AM

Quant Time: Aug 24 07:17:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147770	52.018	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.040%	
35) Dibromofluoromethane	5.397	113	111244	51.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.380%	
50) Toluene-d8	8.653	98	410602	49.646	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	11.085	95	155817	51.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	90358	42.076	ug/l	100
3) Chloromethane	1.294	50	110076	46.693	ug/l	100
4) Vinyl Chloride	1.380	62	106227	46.202	ug/l	100
5) Bromomethane	1.599	94	69835	48.310	ug/l	96
6) Chloroethane	1.678	64	69832	41.038	ug/l	99
7) Trichlorofluoromethane	1.886	101	174239	47.989	ug/l	99
8) Diethyl Ether	2.142	74	63909	50.403	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	87884	43.015	ug/l	95
10) Methyl Iodide	2.453	142	142465	50.080	ug/l	93
11) Tert butyl alcohol	2.983	59	153641	267.437	ug/l	97
12) 1,1-Dichloroethene	2.319	96	95277	48.776	ug/l	91
13) Acrolein	2.245	56	94202	275.547	ug/l	99
14) Allyl chloride	2.666	41	178906	49.698	ug/l	90
15) Acrylonitrile	3.075	53	329366	257.311	ug/l	97
16) Acetone	2.392	43	316069	248.837	ug/l	90
17) Carbon Disulfide	2.514	76	234450	50.323	ug/l	99
18) Methyl Acetate	2.715	43	155221	48.952	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	359079	52.817	ug/l	100
20) Methylene Chloride	2.794	84	113367	46.725	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	102640	49.193	ug/l	95
22) Diisopropyl ether	3.769	45	366104	51.062	ug/l	93
23) Vinyl Acetate	3.733	43	1421268	245.046	ug/l	94
24) 1,1-Dichloroethane	3.617	63	200533	50.255	ug/l	97
25) 2-Butanone	4.574	43	506931	263.494	ug/l	92
26) 2,2-Dichloropropane	4.489	77	141720	43.273	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	122911	49.507	ug/l	97
28) Bromochloromethane	4.910	49	102008	56.224	ug/l	93
29) Tetrahydrofuran	5.019	42	323671	259.735	ug/l	88
30) Chloroform	5.105	83	214047	50.661	ug/l	98
31) Cyclohexane	5.477	56	162545	44.537	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	187000	51.689	ug/l	97
36) 1,1-Dichloropropene	5.702	75	152129	50.036	ug/l	98
37) Ethyl Acetate	4.727	43	177276	47.434	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	162374	51.215	ug/l	99
39) Methylcyclohexane	7.385	83	158195	42.733	ug/l	97
40) Benzene	6.050	78	444174	49.406	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	104456	51.557	ug/l	90
42) 1,2-Dichloroethane	6.098	62	182759	51.724	ug/l	95
43) Isopropyl Acetate	6.354	43	291270	49.825	ug/l	93
44) Trichloroethene	7.135	130	119645	48.176	ug/l	99
45) 1,2-Dichloropropane	7.440	63	118095	49.468	ug/l	95
46) Dibromomethane	7.586	93	84822	51.057	ug/l	98
47) Bromodichloromethane	7.830	83	163515	54.407	ug/l	98
48) Methyl methacrylate	7.702	41	151192	53.017	ug/l	84
49) 1,4-Dioxane	7.665	88	61996	1028.629	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	1022351	270.546	ug/l	90
52) Toluene	8.726	92	290770	49.912	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	181004	46.770	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	184291	50.605	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	122960	51.268	ug/l	99
56) Ethyl methacrylate	9.122	69	199257	48.643	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	203633	51.191	ug/l	100
59) 2-Hexanone	9.433	43	791490	272.485	ug/l	87
60) Dibromochloromethane	9.525	129	130072	49.136	ug/l	100
61) 1,2-Dibromoethane	9.616	107	132296	52.214	ug/l	99
64) Tetrachloroethene	9.275	164	115839	46.361	ug/l	94
65) Chlorobenzene	10.085	112	321183	49.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	122288	52.633	ug/l	98
67) Ethyl Benzene	10.195	91	568267	49.849	ug/l	100
68) m/p-Xylenes	10.305	106	435379	100.271	ug/l	99
69) o-Xylene	10.646	106	214727	50.324	ug/l	99
70) Styrene	10.659	104	341874	49.181	ug/l	96
71) Bromoform	10.805	173	94383	49.992	ug/l	99
73) Isopropylbenzene	10.963	105	572929	50.733	ug/l	100
74) N-amyl acetate	10.848	43	248019	48.597	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	186008	50.258	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	175714m	50.876	ug/l	
77) Bromobenzene	11.201	156	140636	50.562	ug/l	97
78) n-propylbenzene	11.311	91	643110	49.790	ug/l	99
79) 2-Chlorotoluene	11.366	91	393502	50.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	471139	50.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	58417	49.753	ug/l	88
82) 4-Chlorotoluene	11.457	91	447065	50.450	ug/l	100
83) tert-Butylbenzene	11.719	119	459641	50.995	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	468118	50.589	ug/l	99
85) sec-Butylbenzene	11.896	105	579731	50.803	ug/l	100
86) p-Isopropyltoluene	12.012	119	479419	51.046	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	244045	48.496	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242387	48.294	ug/l	98
89) n-Butylbenzene	12.335	91	406133	48.431	ug/l	97
90) Hexachloroethane	12.542	117	80726	49.329	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	240688	49.369	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42984	49.553	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	136460	46.507	ug/l	98
94) Hexachlorobutadiene	13.725	225	57491	43.960	ug/l	99
95) Naphthalene	13.780	128	508385	47.023	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141260	48.340	ug/l	99

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

