

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024707.D
 Acq On : 09 Oct 2021 06:50
 Operator : JC/MD
 Sample : M4096-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR3-8-100521MSD

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:38 PM

Quant Time: Oct 11 06:42:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	131623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95103	51.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.540%			
35) Dibromofluoromethane	5.397	113	71716	50.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.653	98	261051	50.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.880%			
62) 4-Bromofluorobenzene	11.085	95	102952	50.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81091	61.227	ug/l	100
3) Chloromethane	1.294	50	65044	52.101	ug/l	99
4) Vinyl Chloride	1.374	62	70843	54.248	ug/l	97
5) Bromomethane	1.599	94	57614	65.550	ug/l	97
6) Chloroethane	1.678	64	43059	49.508	ug/l	98
7) Trichlorofluoromethane	1.886	101	117155	50.837	ug/l	96
8) Diethyl Ether	2.136	74	39783	50.717	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	65257	50.216	ug/l	94
10) Methyl Iodide	2.453	142	85267	46.894	ug/l	92
11) Tert butyl alcohol	2.971	59	93960	216.102	ug/l	97
12) 1,1-Dichloroethene	2.319	96	64321	53.309	ug/l	94
13) Acrolein	2.239	56	32475	320.715	ug/l	96
14) Allyl chloride	2.666	41	109030	49.427	ug/l	89
15) Acrylonitrile	3.068	53	205952	244.380	ug/l	98
16) Acetone	2.386	43	223383	286.899	ug/l	91
17) Carbon Disulfide	2.514	76	158117	50.833	ug/l	97
18) Methyl Acetate	2.709	43	124426	44.793	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	234137	51.491	ug/l	100
20) Methylene Chloride	2.794	84	74700	53.907	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	70798	51.673	ug/l	94
22) Diisopropyl ether	3.769	45	226531	50.263	ug/l	98
23) Vinyl Acetate	3.727	43	824391	225.889	ug/l	96
24) 1,1-Dichloroethane	3.617	63	131159	52.415	ug/l	99
25) 2-Butanone	4.568	43	348131	272.499	ug/l	94
26) 2,2-Dichloropropane	4.489	77	75495	33.539	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	82178	51.317	ug/l	99
28) Bromochloromethane	4.903	49	59130	52.053	ug/l	97
29) Tetrahydrofuran	5.013	42	200787	246.655	ug/l	91
30) Chloroform	5.105	83	143911	52.073	ug/l	99
31) Cyclohexane	5.476	56	113439	51.069	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	131335	53.528	ug/l	99
36) 1,1-Dichloropropene	5.702	75	102995	50.755	ug/l	98
37) Ethyl Acetate	4.721	43	104426	41.217	ug/l	95
38) Carbon Tetrachloride	5.684	117	115339	52.215	ug/l	98
39) Methylcyclohexane	7.385	83	115766	48.721	ug/l	96
40) Benzene	6.043	78	298737	51.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	65261	49.879	ug/l	92
42) 1,2-Dichloroethane	6.092	62	124593	51.128	ug/l	94
43) Isopropyl Acetate	6.348	43	177475	46.077	ug/l	93
44) Trichloroethene	7.135	130	81857	51.272	ug/l	97
45) 1,2-Dichloropropane	7.440	63	78642	52.532	ug/l	97
46) Dibromomethane	7.586	93	55954	49.845	ug/l	100
47) Bromodichloromethane	7.830	83	109418	53.184	ug/l	99
48) Methyl methacrylate	7.696	41	105947	55.551	ug/l	86
49) 1,4-Dioxane	7.665	88	41084	940.475	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	709148	278.884	ug/l	91
52) Toluene	8.720	92	196548	52.436	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	112924	48.427	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	118423	49.946	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	82278	53.086	ug/l	95
56) Ethyl methacrylate	9.122	69	114280	46.327	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	133466	51.037	ug/l	100
59) 2-Hexanone	9.433	43	556738	278.020	ug/l	89
60) Dibromochloromethane	9.525	129	86190	49.033	ug/l	100
61) 1,2-Dibromoethane	9.616	107	89703	52.720	ug/l	99
64) Tetrachloroethene	9.275	164	73735	53.116	ug/l	93
65) Chlorobenzene	10.079	112	215494	51.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	82926	53.250	ug/l	99
67) Ethyl Benzene	10.195	91	387999	52.456	ug/l	99
68) m/p-Xylenes	10.305	106	296866	104.664	ug/l	99
69) o-Xylene	10.646	106	141641	50.500	ug/l	99
70) Styrene	10.658	104	235306	50.172	ug/l	98
71) Bromoform	10.805	173	62047	45.919	ug/l #	99
73) Isopropylbenzene	10.963	105	389184	52.465	ug/l	100
74) N-amyl acetate	10.847	43	150983	44.250	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	133048	50.717	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	119166m	50.009	ug/l	
77) Bromobenzene	11.201	156	98759	51.739	ug/l	95
78) n-propylbenzene	11.305	91	436133	50.295	ug/l	99
79) 2-Chlorotoluene	11.366	91	268015	50.738	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	337269	53.222	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	36172	42.155	ug/l	91
82) 4-Chlorotoluene	11.457	91	315879	50.824	ug/l	100
83) tert-Butylbenzene	11.719	119	327887	51.610	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	343673	54.544	ug/l	98
85) sec-Butylbenzene	11.896	105	377460	48.293	ug/l	99
86) p-Isopropyltoluene	12.012	119	345083	51.777	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	179096	49.268	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178665	47.579	ug/l	99
89) n-Butylbenzene	12.335	91	290206	49.175	ug/l	98
90) Hexachloroethane	12.542	117	56646	51.687	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	176529	49.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30757	48.557	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	111886	48.900	ug/l	98
94) Hexachlorobutadiene	13.731	225	45747	43.708	ug/l	98
95) Naphthalene	13.780	128	394071	53.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115358	49.202	ug/l	99

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

