

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021804.D
 Acq On : 21 Apr 2021 19:37
 Operator : JC/MD
 Sample : M2114-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-XMSD

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 12:12:05 PM

Quant Time: Apr 22 09:02:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	169357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	288849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	263266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	128725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	101050	52.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.20%			
35) Dibromofluoromethane	5.465	113	92388	50.02	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.04%			
50) Toluene-d8	8.696	98	347350	48.91	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.82%			
62) 4-Bromofluorobenzene	11.122	95	127561	48.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	85941	52.73	ug/l	99
3) Chloromethane	1.313	50	113896	53.15	ug/l	99
4) Vinyl Chloride	1.392	62	102321	52.57	ug/l	98
5) Bromomethane	1.624	94	45676	53.69	ug/l	99
6) Chloroethane	1.709	64	63632	51.85	ug/l	99
7) Trichlorofluoromethane	1.910	101	142996	54.85	ug/l	96
8) Diethyl Ether	2.166	74	58647	54.58	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	82562	52.81	ug/l	97
10) Methyl Iodide	2.489	142	61301	50.37	ug/l	99
11) Tert butyl alcohol	3.020	59	104689	248.84	ug/l	98
12) 1,1-Dichloroethene	2.355	96	85965	54.98	ug/l	92
13) Acrolein	2.276	56	92081	270.57	ug/l	100
14) Allyl chloride	2.703	41	132969	52.91	ug/l	97
15) Acrylonitrile	3.117	53	246624	289.66	ug/l	99
16) Acetone	2.422	43	190076	287.77	ug/l	99
17) Carbon Disulfide	2.550	76	229997	51.60	ug/l	99
18) Methyl Acetate	2.752	43	96696	53.95	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	296986	55.10	ug/l	99
20) Methylene Chloride	2.837	84	100361	50.68	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	95326	53.09	ug/l	95
22) Diisopropyl ether	3.825	45	271630	53.88	ug/l	96
23) Vinyl Acetate	3.788	43	1117655	256.11	ug/l	100
24) 1,1-Dichloroethane	3.666	63	162323	54.25	ug/l	99
25) 2-Butanone	4.635	43	320756	286.79	ug/l	99
26) 2,2-Dichloropropane	4.550	77	121875	42.12	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	112653	55.22	ug/l	91
28) Bromochloromethane	4.977	49	63017	50.75	ug/l	86
29) Tetrahydrofuran	5.087	42	206380	283.59	ug/l	100
30) Chloroform	5.178	83	171326	52.88	ug/l	97
31) Cyclohexane	5.544	56	139581	51.66	ug/l	98
32) 1,1,1-Trichloroethane	5.465	97	153945	53.47	ug/l	97
36) 1,1-Dichloropropene	5.769	75	128299	50.32	ug/l	99
37) Ethyl Acetate	4.794	43	118194	49.32	ug/l	99
38) Carbon Tetrachloride	5.751	117	140425	50.30	ug/l	99
39) Methylcyclohexane	7.440	83	153260	46.40	ug/l	96
40) Benzene	6.111	78	389133	51.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	68848	51.05	ug/l	97
42) 1,2-Dichloroethane	6.160	62	127328	51.58	ug/l	97
43) Isopropyl Acetate	6.409	43	207108	49.34	ug/l	100
44) Trichloroethene	7.190	130	110815	49.93	ug/l	97
45) 1,2-Dichloropropane	7.489	63	98999	49.60	ug/l	98
46) Dibromomethane	7.635	93	71868	51.36	ug/l	98
47) Bromodichloromethane	7.873	83	144777	50.74	ug/l	99
48) Methyl methacrylate	7.745	41	105232	51.50	ug/l	99
49) 1,4-Dioxane	7.714	88	45271	942.13	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	641161	266.79	ug/l	99
52) Toluene	8.763	92	252162	51.10	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	155998	48.67	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	167180	49.37	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	105539	52.09	ug/l	99
56) Ethyl methacrylate	9.159	69	156984	51.18	ug/l	99
57) 1,3-Dichloropropane	9.354	76	169621	52.15	ug/l	99
59) 2-Hexanone	9.470	43	487465	270.61	ug/l	97
60) Dibromochloromethane	9.561	129	124538	50.63	ug/l	100
61) 1,2-Dibromoethane	9.653	107	114473	51.98	ug/l	100
64) Tetrachloroethene	9.317	164	96062	46.67	ug/l	97
65) Chlorobenzene	10.122	112	276509	50.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	109264	51.97	ug/l	98
67) Ethyl Benzene	10.232	91	482665	51.30	ug/l	99
68) m/p-Xylenes	10.342	106	364872	100.23	ug/l	98
69) o-Xylene	10.683	106	175739	50.07	ug/l	98
70) Styrene	10.695	104	299824	50.37	ug/l	98
71) Bromoform	10.842	173	92585	48.62	ug/l #	99
73) Isopropylbenzene	11.000	105	474435	52.53	ug/l	100
74) N-amyl acetate	10.878	43	174652	50.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	155079	56.47	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	146405m	57.35	ug/l	
77) Bromobenzene	11.238	156	119204	50.02	ug/l	93
78) n-propylbenzene	11.342	91	522963	52.35	ug/l	98
79) 2-Chlorotoluene	11.402	91	311308	52.96	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	391613	51.20	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	53239	47.96	ug/l	91
82) 4-Chlorotoluene	11.494	91	360465	52.89	ug/l	98
83) tert-Butylbenzene	11.756	119	401006	52.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	396079	51.27	ug/l	99
85) sec-Butylbenzene	11.927	105	444021	50.72	ug/l	99
86) p-Isopropyltoluene	12.049	119	416909	50.14	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	209000	50.77	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	206562	49.62	ug/l	99
89) n-Butylbenzene	12.372	91	343105	48.90	ug/l	98
90) Hexachloroethane	12.579	117	77286	50.96	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	204692	51.48	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33640	54.75	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	129910	45.31	ug/l	98
94) Hexachlorobutadiene	13.762	225	50494	35.81	ug/l	99
95) Naphthalene	13.817	128	448775	51.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	129955	47.23	ug/l	99

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

