

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020723.D
 Acq On : 25 Jan 2021 13:41
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012521

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 1:16:32 PM

Quant Time: Jan 26 03:06:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	335918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	531629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	508232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	251987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	206169	45.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.00%
35) Dibromofluoromethane	5.458	113	171253	47.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.06%
50) Toluene-d8	8.689	98	633188	47.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.86%
62) 4-Bromofluorobenzene	11.116	95	247090	47.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.32%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	263125	49.55	ug/l	99
3) Chloromethane	1.313	50	240037	50.80	ug/l	100
4) Vinyl Chloride	1.392	62	236405	50.18	ug/l	99
5) Bromomethane	1.624	94	109253	48.27	ug/l	99
6) Chloroethane	1.703	64	135725	50.90	ug/l	99
7) Trichlorofluoromethane	1.910	101	322007	50.39	ug/l	99
8) Diethyl Ether	2.166	74	115728	50.46	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	163978	50.26	ug/l	98
10) Methyl Iodide	2.489	142	216973	47.42	ug/l	93
11) Tert butyl alcohol	3.020	59	194938	227.90	ug/l	99
12) 1,1-Dichloroethene	2.349	96	159766	49.53	ug/l	92
13) Acrolein	2.270	56	149460	231.68	ug/l	100
14) Allyl chloride	2.703	41	296697	49.38	ug/l	94
15) Acrylonitrile	3.111	53	517377	238.97	ug/l	99
16) Acetone	2.416	43	400900	230.77	ug/l	100
17) Carbon Disulfide	2.544	76	499810	48.10	ug/l	100
18) Methyl Acetate	2.745	43	216639	48.81	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	620310	51.40	ug/l	99
20) Methylene Chloride	2.831	84	208105	47.47	ug/l	94
21) trans-1,2-Dichloroethene	3.135	96	193511	48.02	ug/l	96
22) Diisopropyl ether	3.824	45	601109	50.90	ug/l	90
23) Vinyl Acetate	3.782	43	2507338	258.09	ug/l	99
24) 1,1-Dichloroethane	3.666	63	353587	49.54	ug/l	98
25) 2-Butanone	4.629	43	655246	240.82	ug/l	98
26) 2,2-Dichloropropane	4.544	77	289047	50.46	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	220204	49.83	ug/l	99
28) Bromochloromethane	4.971	49	135863	44.41	ug/l	96
29) Tetrahydrofuran	5.086	42	416630	237.74	ug/l	97
30) Chloroform	5.172	83	363804	49.58	ug/l	98
31) Cyclohexane	5.544	56	311297	50.53	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	321905	49.84	ug/l	99
36) 1,1-Dichloropropene	5.763	75	268808	50.38	ug/l	98
37) Ethyl Acetate	4.788	43	249480	49.32	ug/l	98
38) Carbon Tetrachloride	5.751	117	286968	51.15	ug/l	99
39) Methylcyclohexane	7.433	83	325992	53.61	ug/l	97
40) Benzene	6.104	78	794785	50.57	ug/l	99
41) Methacrylonitrile	4.995	41	139324	49.21	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.153	62	280856	50.11	ug/l	99
43) Isopropyl Acetate	6.403	43	408746	50.68	ug/l	99
44) Trichloroethene	7.184	130	210285	50.29	ug/l	96
45) 1,2-Dichloropropane	7.482	63	205901	50.27	ug/l	98
46) Dibromomethane	7.635	93	137488	50.01	ug/l	98
47) Bromodichloromethane	7.872	83	291617	50.21	ug/l	99
48) Methyl methacrylate	7.738	41	210124	51.57	ug/l	96
49) 1,4-Dioxane	7.708	88	94809	992.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	1301457	255.72	ug/l	99
52) Toluene	8.762	92	507100	51.32	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	316770	51.83	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	344558	52.28	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	209067	50.96	ug/l	97
56) Ethyl methacrylate	9.159	69	309547	47.30	ug/l	99
57) 1,3-Dichloropropane	9.348	76	350809	50.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	725300	255.51	ug/l	99
59) 2-Hexanone	9.470	43	968591	255.65	ug/l	98
60) Dibromochloromethane	9.561	129	231872	51.12	ug/l	99
61) 1,2-Dibromoethane	9.653	107	216364	50.96	ug/l	99
64) Tetrachloroethene	9.317	164	193070	49.55	ug/l	95
65) Chlorobenzene	10.116	112	555825	50.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	209601	51.35	ug/l	99
67) Ethyl Benzene	10.232	91	999407	52.42	ug/l	99
68) m/p-Xylenes	10.341	106	753419	105.97	ug/l	99
69) o-Xylene	10.683	106	353772	52.91	ug/l	97
70) Styrene	10.695	104	615995	53.65	ug/l	99
71) Bromoform	10.835	173	165825	50.61	ug/l	100
73) Isopropylbenzene	11.000	105	970722	53.30	ug/l	100
74) N-ethyl acetate	10.878	43	359337	47.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	296941	48.39	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	291052m	49.80	ug/l	
77) Bromobenzene	11.238	156	237382	51.50	ug/l	99
78) n-propylbenzene	11.341	91	1132811	53.87	ug/l	98
79) 2-Chlorotoluene	11.402	91	679893	52.94	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	843068	54.15	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	104360	50.04	ug/l	99
82) 4-Chlorotoluene	11.494	91	795985	52.36	ug/l	97
83) tert-Butylbenzene	11.756	119	792944	52.75	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	857524	54.61	ug/l	98
85) sec-Butylbenzene	11.927	105	960288	55.27	ug/l	99
86) p-Isopropyltoluene	12.049	119	882773	54.74	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	415922	49.51	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	421441	48.32	ug/l	98
89) n-Butylbenzene	12.372	91	790189	54.71	ug/l	99
90) Hexachloroethane	12.579	117	151751	52.26	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	406649	50.24	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	63842	46.94	ug/l	93
93) 1,2,4-Trichlorobenzene	13.627	180	278507	53.06	ug/l	98
94) Hexachlorobutadiene	13.762	225	122920	49.69	ug/l	98
95) Naphthalene	13.816	128	900716	46.79	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	273440	53.49	ug/l	97

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