

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049603.D
 Acq On : 01 Jul 2022 23:40
 Operator : SY/MD
 Sample : N3569-13MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

Quant Time: Jul 04 06:54:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	197423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	365631	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	331563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	164019	53.946	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.900%			
35) Dibromofluoromethane	5.288	113	131153	51.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	7.896	98	453897	49.748	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.500%			
62) 4-Bromofluorobenzene	10.632	95	171470	49.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	125652	39.607	ug/l	99
3) Chloromethane	1.520	50	161469	41.487	ug/l	97
4) Vinyl Chloride	1.600	62	142426	44.593	ug/l	99
5) Bromomethane	1.838	94	56695	57.086	ug/l	97
6) Chloroethane	1.919	64	86245	58.207	ug/l	99
7) Trichlorofluoromethane	2.131	101	177109	43.510	ug/l	97
8) Diethyl Ether	2.375	74	80870	54.999	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	98779	45.102	ug/l	97
10) Methyl Iodide	2.716	142	160414	70.846	ug/l	95
11) Tert butyl alcohol	3.189	59	216749m	304.575	ug/l	
12) 1,1-Dichloroethene	2.575	96	107230	50.008	ug/l	92
13) Acrolein	2.485	56	47994	99.587	ug/l	98
14) Allyl chloride	2.919	41	215707	49.775	ug/l #	87
15) Acrylonitrile	3.311	53	487435	284.791	ug/l	100
16) Acetone	2.626	43	397943	259.538	ug/l	99
17) Carbon Disulfide	2.787	76	288546	43.150	ug/l	100
18) Methyl Acetate	2.944	43	199571	48.082	ug/l	93
19) Methyl tert-butyl Ether	3.362	73	459021	57.557	ug/l	96
20) Methylene Chloride	3.041	84	143690	56.392	ug/l	92
21) trans-1,2-Dichloroethene	3.349	96	118261	51.162	ug/l	91
22) Diisopropyl ether	3.989	45	454452	54.925	ug/l #	73
23) Vinyl Acetate	3.951	43	1763994	243.238	ug/l	95
24) 1,1-Dichloroethane	3.867	63	252664	53.162	ug/l	97
25) 2-Butanone	4.700	43	657995	286.355	ug/l	94
26) 2,2-Dichloropropane	4.661	77	112541	28.451	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	150371	56.304	ug/l	97
28) Bromochloromethane	4.970	49	112636	54.219	ug/l #	79
29) Tetrahydrofuran	5.047	42	434250	275.480	ug/l	89
30) Chloroform	5.086	83	250046	53.186	ug/l	98
31) Cyclohexane	5.388	56	190501	41.728	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	205604	50.403	ug/l	99
36) 1,1-Dichloropropene	5.523	75	162192	43.728	ug/l	97
37) Ethyl Acetate	4.800	43	217482	42.909	ug/l #	94
38) Carbon Tetrachloride	5.523	117	169812	43.654	ug/l	99
39) Methylcyclohexane	6.761	83	169408	38.104	ug/l	91
40) Benzene	5.771	78	543299	48.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	132454	52.154	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	199326	47.825	ug/l	100
43) Isopropyl Acetate	5.909	43	354934	47.792	ug/l	97
44) Trichloroethene	6.539	130	125166	47.018	ug/l	88
45) 1,2-Dichloropropane	6.790	63	151752	48.906	ug/l	99
46) Dibromomethane	6.915	93	104834	50.674	ug/l	90
47) Bromodichloromethane	7.105	83	197128	49.507	ug/l	99
48) Methyl methacrylate	6.957	41	178999	51.431	ug/l	89
49) 1,4-Dioxane	6.970	88	87688	983.417	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1256034	252.708	ug/l	96
52) Toluene	7.967	92	323867	48.659	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	200025	46.831	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	219976	48.235	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	141772	51.518	ug/l	98
56) Ethyl methacrylate	8.333	69	248962	54.091	ug/l	93
57) 1,3-Dichloropropane	8.574	76	247803	50.762	ug/l	99
59) 2-Hexanone	8.684	43	973455	249.056	ug/l	97
60) Dibromochloromethane	8.809	129	146504	51.195	ug/l	98
61) 1,2-Dibromoethane	8.922	107	151723	50.592	ug/l	99
64) Tetrachloroethene	8.552	164	92326	43.414	ug/l	92
65) Chlorobenzene	9.446	112	333893	49.259	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	132966	51.999	ug/l	99
67) Ethyl Benzene	9.568	91	603549	48.501	ug/l	96
68) m/p-Xylenes	9.693	106	441104	95.801	ug/l	88
69) o-Xylene	10.098	106	229037	50.107	ug/l	90
70) Styrene	10.114	104	375663	51.149	ug/l	96
71) Bromoform	10.291	173	113182	51.608	ug/l	99
73) Isopropylbenzene	10.484	105	563305	52.640	ug/l	96
74) N-amyl acetate	10.320	43	281453	49.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	255208	56.300	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	269266	52.877	ug/l	99
77) Bromobenzene	10.780	156	142112	54.406	ug/l	85
78) n-propylbenzene	10.905	91	638730	49.121	ug/l	97
79) 2-Chlorotoluene	10.986	91	412049	51.434	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	480266	51.408	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	66043	47.893	ug/l	95
82) 4-Chlorotoluene	11.095	91	455771	50.584	ug/l	93
83) tert-Butylbenzene	11.420	119	476895	51.899	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	485724	52.923	ug/l	94
85) sec-Butylbenzene	11.642	105	547035	47.351	ug/l	97
86) p-Isopropyltoluene	11.793	119	452121	48.392	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	246757	49.413	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	245887	48.988	ug/l	97
89) n-Butylbenzene	12.208	91	374126	43.259	ug/l	98
90) Hexachloroethane	12.475	117	83639	44.946	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	259462	51.710	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	66858	57.520	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	162864	48.423	ug/l	97
94) Hexachlorobutadiene	14.021	225	58483	37.574	ug/l	99
95) Naphthalene	14.085	128	693585	58.662	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	173590	50.140	ug/l	98

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

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