

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049472.D
 Acq On : 28 Jun 2022 20:40
 Operator : SY/MD
 Sample : N3458-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

Quant Time: Jun 29 05:22:44 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 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	271574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	473116	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	425383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188809	45.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.280%		
35) Dibromofluoromethane	5.288	113	155924	47.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	7.896	98	559301	47.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.740%		
62) 4-Bromofluorobenzene	10.632	95	208629	46.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	192974	44.220	ug/l	99
3) Chloromethane	1.520	50	208871	38.965	ug/l	97
4) Vinyl Chloride	1.604	62	198407	45.159	ug/l	98
5) Bromomethane	1.848	94	70474	51.585	ug/l	99
6) Chloroethane	1.922	64	110113	54.162	ug/l	99
7) Trichlorofluoromethane	2.131	101	248751	44.425	ug/l	98
8) Diethyl Ether	2.375	74	101070	49.969	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	183598	60.941	ug/l	96
10) Methyl Iodide	2.719	142	198774	64.563	ug/l	97
11) Tert butyl alcohol	3.195	59	283233m	289.328	ug/l	
12) 1,1-Dichloroethene	2.575	96	152654	51.753	ug/l	95
13) Acrolein	2.485	56	103205	155.677	ug/l	99
14) Allyl chloride	2.919	41	287795	48.277	ug/l #	87
15) Acrylonitrile	3.314	53	593683	252.159	ug/l	99
16) Acetone	2.629	43	479124	227.163	ug/l	99
17) Carbon Disulfide	2.787	76	420669	45.731	ug/l	100
18) Methyl Acetate	2.948	43	256630	44.948	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	555640	50.649	ug/l	97
20) Methylene Chloride	3.041	84	177796	50.649	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	158519	49.853	ug/l	92
22) Diisopropyl ether	3.993	45	561365	49.322	ug/l #	71
23) Vinyl Acetate	3.954	43	2383537	238.927	ug/l	95
24) 1,1-Dichloroethane	3.867	63	319855	48.924	ug/l	98
25) 2-Butanone	4.703	43	801070	253.432	ug/l	95
26) 2,2-Dichloropropane	4.665	77	218288	40.117	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	195398	53.187	ug/l	94
28) Bromochloromethane	4.973	49	135000	47.241	ug/l #	79
29) Tetrahydrofuran	5.051	42	527525	243.278	ug/l	89
30) Chloroform	5.086	83	312901	48.383	ug/l	100
31) Cyclohexane	5.385	56	287607	45.797	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	273878	48.808	ug/l	99
36) 1,1-Dichloropropene	5.526	75	224716	46.821	ug/l	98
37) Ethyl Acetate	4.803	43	291695	44.477	ug/l #	94
38) Carbon Tetrachloride	5.523	117	232140	46.119	ug/l	100
39) Methylcyclohexane	6.761	83	269970	46.928	ug/l	92
40) Benzene	5.774	78	695812	48.019	ug/l	100

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41) Methacrylonitrile	4.970	41	157830	48.027	ug/l #	91
42) 1,2-Dichloroethane	5.793	62	244672	45.368	ug/l	99
43) Isopropyl Acetate	5.912	43	442447	46.041	ug/l	98
44) Trichloroethene	6.542	130	414812	120.421	ug/l	89
45) 1,2-Dichloropropane	6.790	63	189078	47.091	ug/l	99
46) Dibromomethane	6.919	93	127237	47.530	ug/l	92
47) Bromodichloromethane	7.105	83	238923	46.371	ug/l	100
48) Methyl methacrylate	6.957	41	216923	48.167	ug/l	89
49) 1,4-Dioxane	6.980	88	125396	1086.817	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1504261	233.892	ug/l	97
52) Toluene	7.967	92	417214	48.443	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	261044	47.232	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	282893	47.939	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	174643	49.045	ug/l	99
56) Ethyl methacrylate	8.333	69	302577	50.804	ug/l	93
57) 1,3-Dichloropropane	8.575	76	301382	47.712	ug/l	99
59) 2-Hexanone	8.684	43	1178980	233.111	ug/l	96
60) Dibromochloromethane	8.809	129	180765	48.816	ug/l	99
61) 1,2-Dibromoethane	8.922	107	186792	48.136	ug/l	100
64) Tetrachloroethene	8.552	164	131093	48.048	ug/l	95
65) Chlorobenzene	9.446	112	424688	48.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	165292	50.384	ug/l	98
67) Ethyl Benzene	9.568	91	792565	49.643	ug/l	97
68) m/p-Xylenes	9.693	106	592795	100.351	ug/l	90
69) o-Xylene	10.099	106	297736	50.770	ug/l	91
70) Styrene	10.115	104	484936	51.464	ug/l	96
71) Bromoform	10.291	173	141516	50.296	ug/l #	99
73) Isopropylbenzene	10.484	105	766921	53.821	ug/l	96
74) N-amyl acetate	10.320	43	374004	49.591	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	306832	50.833	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	335586	49.490	ug/l	97
77) Bromobenzene	10.780	156	180698	51.951	ug/l	85
78) n-propylbenzene	10.906	91	888759	51.329	ug/l	97
79) 2-Chlorotoluene	10.986	91	543113	50.912	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	642978	51.686	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	87914	47.878	ug/l	94
82) 4-Chlorotoluene	11.095	91	603457	50.297	ug/l	93
83) tert-Butylbenzene	11.420	119	644471	52.671	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	639759	52.348	ug/l	94
85) sec-Butylbenzene	11.642	105	773690	50.293	ug/l	96
86) p-Isopropyltoluene	11.793	119	638897	51.355	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	324348	48.776	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	325239	48.662	ug/l	97
89) n-Butylbenzene	12.208	91	552124	47.942	ug/l	98
90) Hexachloroethane	12.475	117	115269	46.518	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	334014	49.991	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	79092	51.101	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	216543	48.353	ug/l	98
94) Hexachlorobutadiene	14.021	225	90137	43.490	ug/l	99
95) Naphthalene	14.086	128	872890	55.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	228961	49.677	ug/l	98

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

