

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049555.D
 Acq On : 30 Jun 2022 11:46
 Operator : SY/MD
 Sample : VU0630WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 05:23:57 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

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	235006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	396567	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	360662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	171177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	159993	44.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.420%		
35) Dibromofluoromethane	5.288	113	129678	46.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.480%		
50) Toluene-d8	7.896	98	467014	47.193	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.380%		
62) 4-Bromofluorobenzene	10.632	95	176028	46.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	66285	17.553	ug/l	99
3) Chloromethane	1.523	50	78350	16.431	ug/l	97
4) Vinyl Chloride	1.604	62	69033	18.157	ug/l	97
5) Bromomethane	1.851	94	30532	25.826	ug/l	99
6) Chloroethane	1.928	64	38757	23.166	ug/l	97
7) Trichlorofluoromethane	2.134	101	84952	17.532	ug/l	99
8) Diethyl Ether	2.375	74	35961	20.546	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.578	101	50769	19.474	ug/l	95
10) Methyl Iodide	2.719	142	64538	28.918	ug/l	95
11) Tert butyl alcohol	3.202	59	95584m	112.834	ug/l	
12) 1,1-Dichloroethene	2.578	96	49749	19.491	ug/l	88
13) Acrolein	2.488	56	30542	53.239	ug/l	99
14) Allyl chloride	2.922	41	100468	19.476	ug/l #	87
15) Acrylonitrile	3.314	53	208658	102.415	ug/l	99
16) Acetone	2.633	43	185163	101.450	ug/l	100
17) Carbon Disulfide	2.790	76	137263	17.244	ug/l	100
18) Methyl Acetate	2.948	43	92800	18.783	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	191044	20.124	ug/l	97
20) Methylene Chloride	3.044	84	61511	19.797	ug/l	89
21) trans-1,2-Dichloroethene	3.353	96	54451	19.789	ug/l	92
22) Diisopropyl ether	3.993	45	200690	20.376	ug/l #	80
23) Vinyl Acetate	3.954	43	869250	100.693	ug/l	94
24) 1,1-Dichloroethane	3.871	63	112361	19.861	ug/l	97
25) 2-Butanone	4.703	43	286626	104.789	ug/l	94
26) 2,2-Dichloropropane	4.665	77	90014	19.117	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	65402	20.572	ug/l	91
28) Bromochloromethane	4.973	49	49168	19.883	ug/l #	78
29) Tetrahydrofuran	5.051	42	187249	99.791	ug/l	87
30) Chloroform	5.089	83	109296	19.530	ug/l	100
31) Cyclohexane	5.388	56	100890	18.565	ug/l	90
32) 1,1,1-Trichloroethane	5.317	97	92232	18.995	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76287	18.963	ug/l	97
37) Ethyl Acetate	4.803	43	107105	19.483	ug/l	96
38) Carbon Tetrachloride	5.523	117	77981	18.483	ug/l	99
39) Methylcyclohexane	6.764	83	91358	18.946	ug/l	93
40) Benzene	5.774	78	240918	19.835	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	55075	19.994	ug/l	89
42) 1,2-Dichloroethane	5.793	62	85889	19.000	ug/l	99
43) Isopropyl Acetate	5.912	43	159732	19.830	ug/l	97
44) Trichloroethene	6.542	130	56311	19.503	ug/l	86
45) 1,2-Dichloropropane	6.790	63	66251	19.685	ug/l	97
46) Dibromomethane	6.919	93	44220	19.707	ug/l	92
47) Bromodichloromethane	7.105	83	82388	19.077	ug/l	98
48) Methyl methacrylate	6.960	41	74207	19.658	ug/l	87
49) 1,4-Dioxane	6.986	88	42968	444.293	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	530195	98.351	ug/l	95
52) Toluene	7.970	92	147685	20.458	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	91188	19.684	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	99298	20.075	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	61978	20.765	ug/l	98
56) Ethyl methacrylate	8.333	69	102026	20.437	ug/l	92
57) 1,3-Dichloropropane	8.575	76	107156	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	54724	146.023	ug/l	93
59) 2-Hexanone	8.684	43	407141	96.040	ug/l	95
60) Dibromochloromethane	8.809	129	60961	19.641	ug/l	97
61) 1,2-Dibromoethane	8.925	107	65614	20.172	ug/l	99
64) Tetrachloroethene	8.555	164	46819	20.239	ug/l	95
65) Chlorobenzene	9.446	112	148908	20.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	55955	20.117	ug/l	99
67) Ethyl Benzene	9.568	91	275117	20.325	ug/l	98
68) m/p-Xylenes	9.693	106	204225	40.776	ug/l	89
69) o-Xylene	10.099	106	103297	20.775	ug/l	91
70) Styrene	10.115	104	166905	20.892	ug/l	96
71) Bromoform	10.291	173	46140	19.341	ug/l #	98
73) Isopropylbenzene	10.484	105	265087	21.739	ug/l	96
74) N-amyl acetate	10.320	43	132338	20.505	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.783	83	106926	20.701	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	116140	20.015	ug/l	97
77) Bromobenzene	10.780	156	64308	21.606	ug/l	87
78) n-propylbenzene	10.906	91	309044	20.857	ug/l	96
79) 2-Chlorotoluene	10.986	91	189955	20.808	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	223913	21.034	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	29079	18.506	ug/l	91
82) 4-Chlorotoluene	11.095	91	212884	20.735	ug/l	94
83) tert-Butylbenzene	11.420	119	222907	21.289	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	224473	21.464	ug/l	94
85) sec-Butylbenzene	11.642	105	269469	20.469	ug/l	97
86) p-Isopropyltoluene	11.793	119	218835	20.555	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	116372	20.450	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	115544	20.202	ug/l	95
89) n-Butylbenzene	12.208	91	185989	18.872	ug/l	98
90) Hexachloroethane	12.475	117	36988	17.443	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	116910	20.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	24728	18.670	ug/l	86
93) 1,2,4-Trichlorobenzene	13.838	180	72597	20.010	ug/l	98
94) Hexachlorobutadiene	14.021	225	32852	18.523	ug/l	99
95) Naphthalene	14.086	128	261669	20.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	75600	19.891	ug/l	98

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

