

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049450.D
 Acq On : 28 Jun 2022 12:02
 Operator : SY/MD
 Sample : VU0628WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 17:07:18 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	277731	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	475910	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	426937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	198169	46.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.660%		
35) Dibromofluoromethane	5.289	113	161350	48.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	7.896	98	591971	49.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.700%		
62) 4-Bromofluorobenzene	10.632	95	221436	48.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	79605	17.837	ug/l	97
3) Chloromethane	1.520	50	92225	16.362	ug/l	98
4) Vinyl Chloride	1.604	62	81921	18.232	ug/l	99
5) Bromomethane	1.851	94	31193	22.326	ug/l	98
6) Chloroethane	1.925	64	45918	23.220	ug/l	96
7) Trichlorofluoromethane	2.134	101	100718	17.589	ug/l	99
8) Diethyl Ether	2.376	74	41177	19.907	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	60550	19.653	ug/l	95
10) Methyl Iodide	2.720	142	73716	28.201	ug/l	95
11) Tert butyl alcohol	3.192	59	116592m	116.461	ug/l	
12) 1,1-Dichloroethene	2.578	96	60468	20.046	ug/l	94
13) Acrolein	2.488	56	48011	70.815	ug/l	99
14) Allyl chloride	2.922	41	118566	19.448	ug/l #	85
15) Acrylonitrile	3.314	53	232079	96.387	ug/l	100
16) Acetone	2.630	43	189555	87.880	ug/l	99
17) Carbon Disulfide	2.790	76	172144	18.299	ug/l	99
18) Methyl Acetate	2.948	43	106342	18.212	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	223269	19.901	ug/l	99
20) Methylene Chloride	3.044	84	77065	21.033	ug/l #	90
21) trans-1,2-Dichloroethene	3.353	96	65470	20.134	ug/l	98
22) Diisopropyl ether	3.990	45	229556	19.722	ug/l	84
23) Vinyl Acetate	3.954	43	998358	97.857	ug/l	96
24) 1,1-Dichloroethane	3.867	63	128661	19.243	ug/l	98
25) 2-Butanone	4.703	43	309253	95.668	ug/l	96
26) 2,2-Dichloropropane	4.665	77	100468	18.054	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	76174	20.275	ug/l	91
28) Bromochloromethane	4.974	49	56883	19.464	ug/l #	78
29) Tetrahydrofuran	5.051	42	207789	93.702	ug/l	89
30) Chloroform	5.089	83	124984	18.897	ug/l	96
31) Cyclohexane	5.385	56	121686	18.947	ug/l	90
32) 1,1,1-Trichloroethane	5.318	97	108853	18.969	ug/l	98
36) 1,1-Dichloropropene	5.527	75	87801	18.186	ug/l	98
37) Ethyl Acetate	4.803	43	117167	17.760	ug/l #	93
38) Carbon Tetrachloride	5.523	117	92771	18.323	ug/l	99
39) Methylcyclohexane	6.761	83	114168	19.729	ug/l	92
40) Benzene	5.774	78	282445	19.377	ug/l	100

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41) Methacrylonitrile	4.974	41	61454	18.591	ug/l	91
42) 1,2-Dichloroethane	5.793	62	98298	18.120	ug/l	100
43) Isopropyl Acetate	5.909	43	177506	18.363	ug/l	98
44) Trichloroethene	6.543	130	66949	19.321	ug/l	88
45) 1,2-Dichloropropane	6.790	63	77107	19.091	ug/l	99
46) Dibromomethane	6.916	93	50178	18.634	ug/l	92
47) Bromodichloromethane	7.105	83	94882	18.307	ug/l	99
48) Methyl methacrylate	6.961	41	86637	19.125	ug/l	87
49) 1,4-Dioxane	6.983	88	48164	414.991	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	591505	91.431	ug/l	96
52) Toluene	7.967	92	169117	19.521	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	101499	18.257	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	116091	19.557	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	71266	19.896	ug/l	97
56) Ethyl methacrylate	8.334	69	118668	19.808	ug/l	93
57) 1,3-Dichloropropane	8.575	76	122379	19.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	52658	119.592	ug/l	94
59) 2-Hexanone	8.684	43	453719	89.184	ug/l	96
60) Dibromochloromethane	8.809	129	70925	19.041	ug/l	99
61) 1,2-Dibromoethane	8.922	107	75901	19.445	ug/l	99
64) Tetrachloroethene	8.552	164	54145	19.773	ug/l	93
65) Chlorobenzene	9.446	112	171973	19.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	65012	19.745	ug/l	98
67) Ethyl Benzene	9.568	91	319507	19.940	ug/l	96
68) m/p-Xylenes	9.694	106	236931	39.963	ug/l	89
69) o-Xylene	10.099	106	119446	20.294	ug/l	90
70) Styrene	10.112	104	192348	20.339	ug/l	96
71) Bromoform	10.288	173	52472	18.581	ug/l #	99
73) Isopropylbenzene	10.481	105	309492	21.446	ug/l	97
74) N-amyl acetate	10.321	43	152780	20.002	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	121612	19.893	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	133652	19.461	ug/l	100
77) Bromobenzene	10.784	156	72212	20.500	ug/l	85
78) n-propylbenzene	10.906	91	359907	20.524	ug/l	96
79) 2-Chlorotoluene	10.983	91	219377	20.305	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	262268	20.817	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	34051	18.310	ug/l	92
82) 4-Chlorotoluene	11.095	91	244663	20.135	ug/l	93
83) tert-Butylbenzene	11.420	119	259428	20.935	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	257969	20.842	ug/l	94
85) sec-Butylbenzene	11.642	105	319385	20.499	ug/l	97
86) p-Isopropyltoluene	11.793	119	260577	20.681	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	132221	19.633	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	132833	19.624	ug/l	96
89) n-Butylbenzene	12.208	91	225151	19.304	ug/l	98
90) Hexachloroethane	12.475	117	44905	17.893	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	137417	20.308	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	28779	18.360	ug/l	87
93) 1,2,4-Trichlorobenzene	13.838	180	85719	19.968	ug/l	97
94) Hexachlorobutadiene	14.018	225	38047	18.126	ug/l	99
95) Naphthalene	14.086	128	312326	20.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	87934	19.569	ug/l	97

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

