

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049611.D
 Acq On : 05 Jul 2022 12:25
 Operator : SY/MD
 Sample : VU0705WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 07:46:54 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	223450	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	385878	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	339074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	163289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	160555	46.656	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.320%		
35) Dibromofluoromethane	5.289	113	129099	47.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	7.896	98	455327	47.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.580%		
62) 4-Bromofluorobenzene	10.632	95	171698	46.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	58983	16.427	ug/l	98
3) Chloromethane	1.520	50	68956	15.148	ug/l	98
4) Vinyl Chloride	1.604	62	63133	17.464	ug/l	99
5) Bromomethane	1.842	94	34923	31.068	ug/l	100
6) Chloroethane	1.925	64	37145	23.336	ug/l	93
7) Trichlorofluoromethane	2.134	101	80853	17.549	ug/l	98
8) Diethyl Ether	2.375	74	33628	20.206	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.578	101	48340	19.501	ug/l	95
10) Methyl Iodide	2.719	142	66318	30.646	ug/l	95
11) Tert butyl alcohol	3.186	59	96590m	119.919	ug/l	
12) 1,1-Dichloroethene	2.575	96	45611	18.794	ug/l	86
13) Acrolein	2.485	56	18968	34.774	ug/l	99
14) Allyl chloride	2.922	41	96124	19.597	ug/l #	87
15) Acrylonitrile	3.311	53	203190	104.889	ug/l	100
16) Acetone	2.626	43	168503	97.097	ug/l	100
17) Carbon Disulfide	2.790	76	129473	17.106	ug/l	99
18) Methyl Acetate	2.948	43	94829	20.186	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	185640	20.566	ug/l	97
20) Methylene Chloride	3.041	84	62534	21.219	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	50994	19.491	ug/l	90
22) Diisopropyl ether	3.993	45	192534	20.559	ug/l #	76
23) Vinyl Acetate	3.954	43	830175	101.140	ug/l	94
24) 1,1-Dichloroethane	3.867	63	105420	19.597	ug/l	97
25) 2-Butanone	4.700	43	274759	105.645	ug/l	95
26) 2,2-Dichloropropane	4.665	77	84847	18.951	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	60786	20.109	ug/l	89
28) Bromochloromethane	4.970	49	48754	20.735	ug/l #	79
29) Tetrahydrofuran	5.051	42	179608	100.669	ug/l	89
30) Chloroform	5.089	83	104416	19.623	ug/l	99
31) Cyclohexane	5.385	56	93565	18.108	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	88508	19.170	ug/l	99
36) 1,1-Dichloropropene	5.526	75	70361	17.974	ug/l	97
37) Ethyl Acetate	4.803	43	102963	19.249	ug/l #	95
38) Carbon Tetrachloride	5.523	117	74288	18.095	ug/l	98
39) Methylcyclohexane	6.761	83	84753	18.063	ug/l	93
40) Benzene	5.771	78	226614	19.174	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	52306	19.515	ug/l	92
42) 1,2-Dichloroethane	5.793	62	82629	18.785	ug/l	99
43) Isopropyl Acetate	5.912	43	152366	19.440	ug/l	97
44) Trichloroethene	6.542	130	53711	19.117	ug/l	86
45) 1,2-Dichloropropane	6.790	63	63269	19.320	ug/l	98
46) Dibromomethane	6.915	93	42309	19.378	ug/l	91
47) Bromodichloromethane	7.105	83	81018	19.279	ug/l	98
48) Methyl methacrylate	6.957	41	71221	19.390	ug/l	90
49) 1,4-Dioxane	6.967	88	40383	429.130	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	514182	98.023	ug/l	96
52) Toluene	7.967	92	137596	19.588	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	86728	19.240	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	94521	19.639	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	58383	20.102	ug/l	96
56) Ethyl methacrylate	8.333	69	99241	20.430	ug/l	93
57) 1,3-Dichloropropane	8.575	76	99475	19.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	49824	137.444	ug/l	94
59) 2-Hexanone	8.684	43	398937	96.711	ug/l	95
60) Dibromochloromethane	8.809	129	59771	19.791	ug/l	100
61) 1,2-Dibromoethane	8.922	107	62737	19.822	ug/l	99
64) Tetrachloroethene	8.552	164	42357	19.476	ug/l	89
65) Chlorobenzene	9.446	112	141111	20.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	54194	20.724	ug/l	98
67) Ethyl Benzene	9.568	91	254641	20.010	ug/l	96
68) m/p-Xylenes	9.693	106	188229	39.975	ug/l	89
69) o-Xylene	10.099	106	96903	20.730	ug/l	91
70) Styrene	10.115	104	155658	20.724	ug/l	97
71) Bromoform	10.288	173	45400	20.243	ug/l #	99
73) Isopropylbenzene	10.481	105	246789	21.216	ug/l	96
74) N-amyl acetate	10.317	43	124637	20.245	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	103997	21.106	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	115506	20.867	ug/l	100
77) Bromobenzene	10.780	156	59794	21.059	ug/l	87
78) n-propylbenzene	10.902	91	283780	20.077	ug/l	97
79) 2-Chlorotoluene	10.983	91	179887	20.657	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	210124	20.692	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.546	75	30141	20.108	ug/l	95
82) 4-Chlorotoluene	11.095	91	197501	20.165	ug/l	94
83) tert-Butylbenzene	11.420	119	209724	20.997	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	205930	20.642	ug/l	96
85) sec-Butylbenzene	11.642	105	254076	20.232	ug/l	97
86) p-Isopropyltoluene	11.793	119	205883	20.273	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	107588	19.820	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	105467	19.331	ug/l	95
89) n-Butylbenzene	12.208	91	174333	18.544	ug/l	98
90) Hexachloroethane	12.475	117	37035	18.309	ug/l	88
91) 1,2-Dichlorobenzene	12.211	146	112268	20.584	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	25581	20.247	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	69785	20.151	ug/l	98
94) Hexachlorobutadiene	14.018	225	31002	18.324	ug/l	98
95) Naphthalene	14.086	128	270570	22.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	75665	20.811	ug/l	97

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

