

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049556.D
 Acq On : 30 Jun 2022 12:12
 Operator : SY/MD
 Sample : VU0630WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 05:24:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	221316	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	376715	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	343913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	158830	46.599	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.288	113	124031	47.060	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	7.896	98	444848	47.322	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.640%		
62) 4-Bromofluorobenzene	10.632	95	167834	46.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	62834	17.668	ug/l	99
3) Chloromethane	1.520	50	72480	16.126	ug/l	96
4) Vinyl Chloride	1.604	62	63984	17.870	ug/l	98
5) Bromomethane	1.851	94	28054	25.198	ug/l	99
6) Chloroethane	1.928	64	37517	23.759	ug/l	99
7) Trichlorofluoromethane	2.134	101	81274	17.811	ug/l	99
8) Diethyl Ether	2.375	74	32983	20.010	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.578	101	48568	19.782	ug/l	94
10) Methyl Iodide	2.719	142	62532	29.536	ug/l	96
11) Tert butyl alcohol	3.199	59	101868m	127.691	ug/l	
12) 1,1-Dichloroethene	2.578	96	47431	19.732	ug/l	95
13) Acrolein	2.488	56	30803	57.015	ug/l	97
14) Allyl chloride	2.922	41	95063	19.568	ug/l #	87
15) Acrylonitrile	3.314	53	208383	108.607	ug/l	99
16) Acetone	2.629	43	170898	99.426	ug/l	100
17) Carbon Disulfide	2.790	76	129941	17.334	ug/l	99
18) Methyl Acetate	2.951	43	94822	20.379	ug/l	90
19) Methyl tert-butyl Ether	3.362	73	188040	21.033	ug/l	97
20) Methylene Chloride	3.044	84	59963	20.519	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	51529	19.886	ug/l	91
22) Diisopropyl ether	3.993	45	194405	20.959	ug/l #	77
23) Vinyl Acetate	3.954	43	850067	104.562	ug/l	94
24) 1,1-Dichloroethane	3.871	63	104665	19.645	ug/l	98
25) 2-Butanone	4.703	43	278576	108.146	ug/l	93
26) 2,2-Dichloropropane	4.665	77	82471	18.598	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	62779	20.969	ug/l	91
28) Bromochloromethane	4.973	49	47172	20.255	ug/l #	79
29) Tetrahydrofuran	5.054	42	189012	106.961	ug/l	87
30) Chloroform	5.089	83	103978	19.729	ug/l	99
31) Cyclohexane	5.388	56	93940	18.356	ug/l	93
32) 1,1,1-Trichloroethane	5.317	97	86983	19.022	ug/l	98
36) 1,1-Dichloropropene	5.526	75	72239	18.903	ug/l	97
37) Ethyl Acetate	4.803	43	105042	20.115	ug/l #	94
38) Carbon Tetrachloride	5.526	117	73320	18.294	ug/l	99
39) Methylcyclohexane	6.761	83	84144	18.369	ug/l	92
40) Benzene	5.774	78	229796	19.917	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	55136	21.071	ug/l	89
42) 1,2-Dichloroethane	5.793	62	83331	19.405	ug/l	99
43) Isopropyl Acetate	5.912	43	156133	20.405	ug/l	97
44) Trichloroethene	6.542	130	54155	19.744	ug/l	87
45) 1,2-Dichloropropane	6.790	63	63651	19.910	ug/l	99
46) Dibromomethane	6.919	93	42938	20.144	ug/l	91
47) Bromodichloromethane	7.105	83	79167	19.297	ug/l	98
48) Methyl methacrylate	6.960	41	72723	20.280	ug/l	87
49) 1,4-Dioxane	6.983	88	44161	480.692	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	526011	102.717	ug/l	96
52) Toluene	7.970	92	139367	20.323	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	87814	19.955	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	96964	20.636	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	59727	21.065	ug/l	98
56) Ethyl methacrylate	8.333	69	102285	21.569	ug/l	93
57) 1,3-Dichloropropane	8.575	76	103256	20.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	54806	153.262	ug/l	93
59) 2-Hexanone	8.684	43	405239	100.629	ug/l	95
60) Dibromochloromethane	8.809	129	59585	20.209	ug/l	99
61) 1,2-Dibromoethane	8.925	107	63409	20.522	ug/l	99
64) Tetrachloroethene	8.552	164	43921	19.911	ug/l	94
65) Chlorobenzene	9.446	112	141977	20.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	53650	20.228	ug/l	99
67) Ethyl Benzene	9.568	91	260435	20.177	ug/l	98
68) m/p-Xylenes	9.693	106	195897	41.018	ug/l	90
69) o-Xylene	10.099	106	97208	20.503	ug/l	90
70) Styrene	10.115	104	159135	20.889	ug/l	96
71) Bromoform	10.291	173	45899	20.177	ug/l #	100
73) Isopropylbenzene	10.484	105	251812	21.278	ug/l	97
74) N-amyl acetate	10.320	43	131944	21.065	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	105523	21.050	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	116257	20.644	ug/l	95
77) Bromobenzene	10.780	156	61665	21.347	ug/l	87
78) n-propylbenzene	10.906	91	293477	20.408	ug/l	97
79) 2-Chlorotoluene	10.986	91	182656	20.617	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	217865	21.087	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	29953	19.641	ug/l	94
82) 4-Chlorotoluene	11.095	91	207316	20.806	ug/l	93
83) tert-Butylbenzene	11.420	119	207503	20.420	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	212395	20.926	ug/l	95
85) sec-Butylbenzene	11.642	105	256563	20.081	ug/l	96
86) p-Isopropyltoluene	11.793	119	210544	20.377	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	111306	20.154	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	112867	20.333	ug/l	96
89) n-Butylbenzene	12.208	91	176795	18.484	ug/l	98
90) Hexachloroethane	12.475	117	35539	17.269	ug/l	88
91) 1,2-Dichlorobenzene	12.211	146	114939	20.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	25778	20.054	ug/l	80
93) 1,2,4-Trichlorobenzene	13.838	180	72226	20.468	ug/l	97
94) Hexachlorobutadiene	14.021	225	30042	17.453	ug/l	97
95) Naphthalene	14.086	128	275247	22.164	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	76715	20.743	ug/l	96

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

