

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045359.D
 Acq On : 22 Oct 2021 13:02
 Operator : SY/MD
 Sample : VU1022WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:26:48 AM

Quant Time: Oct 22 15:11:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	192601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	337193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	148671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174667	54.480	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.960%			
35) Dibromofluoromethane	5.292	113	128762	56.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.820%			
50) Toluene-d8	7.903	98	493229	55.177	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.360%			
62) 4-Bromofluorobenzene	10.642	95	180641	48.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	53019	22.230	ug/l	99
3) Chloromethane	1.517	50	66290	21.458	ug/l	100
4) Vinyl Chloride	1.604	62	64414	20.882	ug/l	100
5) Bromomethane	1.851	94	28082	23.209	ug/l	97
6) Chloroethane	1.922	64	15767	6.654	ug/l	99
7) Trichlorofluoromethane	2.105	101	36780	9.029	ug/l	99
8) Diethyl Ether	2.372	74	35855	19.206	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.559	101	46630	20.128	ug/l	99
10) Methyl Iodide	2.707	142	54691	22.118	ug/l	94
11) Tert butyl alcohol	3.478	59	84070m	91.364	ug/l	
12) 1,1-Dichloroethene	2.562	96	44521	19.497	ug/l	93
13) Acrolein	2.494	56	15516	88.526	ug/l	98
14) Allyl chloride	2.912	41	81581	19.305	ug/l	96
15) Acrylonitrile	3.327	53	194664	104.898	ug/l	99
16) Acetone	2.649	43	172052	90.408	ug/l	96
17) Carbon Disulfide	2.774	76	124284	18.437	ug/l	99
18) Methyl Acetate	2.954	43	125094	22.490	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	179933	20.412	ug/l	99
20) Methylene Chloride	3.041	84	57378	20.017	ug/l	95
21) trans-1,2-Dichloroethene	3.343	96	49060	19.640	ug/l	96
22) Diisopropyl ether	4.002	45	180730	20.947	ug/l	98
23) Vinyl Acetate	3.961	43	688057	98.055	ug/l	97
24) 1,1-Dichloroethane	3.864	63	99809	20.152	ug/l	100
25) 2-Butanone	4.723	43	221194	81.808	ug/l	97
26) 2,2-Dichloropropane	4.662	77	79085	18.886	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	59443	20.148	ug/l	97
28) Bromochloromethane	4.977	49	46456	22.630	ug/l	95
29) Tetrahydrofuran	5.067	42	166588	103.502	ug/l	98
30) Chloroform	5.089	83	97874	19.606	ug/l	97
31) Cyclohexane	5.382	56	98767	20.280	ug/l	95
32) 1,1,1-Trichloroethane	5.314	97	79491	19.299	ug/l	97
36) 1,1-Dichloropropene	5.523	75	70678	18.845	ug/l	99
37) Ethyl Acetate	4.813	43	123890	24.966	ug/l	95
38) Carbon Tetrachloride	5.523	117	60249	18.565	ug/l	100
39) Methylcyclohexane	6.764	83	90995	19.764	ug/l	98
40) Benzene	5.774	78	220630	19.752	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	45785	17.922	ug/l #	89
42) 1,2-Dichloroethane	5.797	62	82142	18.710	ug/l	100
43) Isopropyl Acetate	5.922	43	147942	19.817	ug/l	99
44) Trichloroethene	6.543	130	50020	18.993	ug/l	100
45) 1,2-Dichloropropane	6.793	63	59285	20.019	ug/l	99
46) Dibromomethane	6.922	93	39205	19.652	ug/l	98
47) Bromodichloromethane	7.112	83	74902	19.337	ug/l	98
48) Methyl methacrylate	6.970	41	66659	18.344	ug/l	94
49) 1,4-Dioxane	7.051	88	34282	344.140	ug/l #	1
51) 4-Methyl-2-Pentanone	7.829	43	474928	87.384	ug/l	97
52) Toluene	7.973	92	135274	19.350	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	85630	19.331	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	92367	20.019	ug/l	95
55) 1,1,2-Trichloroethane	8.411	97	56676	19.457	ug/l	98
56) Ethyl methacrylate	8.350	69	93405	17.734	ug/l	95
57) 1,3-Dichloropropane	8.584	76	101112	19.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	152834	99.016	ug/l	98
59) 2-Hexanone	8.716	43	364634	82.387	ug/l	96
60) Dibromochloromethane	8.819	129	52699	18.496	ug/l	100
61) 1,2-Dibromoethane	8.932	107	59593	19.246	ug/l	99
64) Tetrachloroethene	8.559	164	40332	18.326	ug/l	97
65) Chlorobenzene	9.456	112	136367	19.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.546	131	48180	19.521	ug/l	99
67) Ethyl Benzene	9.578	91	249644	19.190	ug/l	99
68) m/p-Xylenes	9.700	106	192810	38.150	ug/l	100
69) o-Xylene	10.108	106	93823	18.705	ug/l	98
70) Styrene	10.124	104	153912	18.290	ug/l	99
71) Bromoform	10.304	173	36206	16.077	ug/l #	99
73) Isopropylbenzene	10.491	105	239923	21.671	ug/l	99
74) N-amyl acetate	10.333	43	116073	20.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.796	83	97108	20.271	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	89836m	20.716	ug/l	
77) Bromobenzene	10.793	156	54481	20.379	ug/l	97
78) n-propylbenzene	10.912	91	286051	21.202	ug/l	100
79) 2-Chlorotoluene	10.996	91	173025	20.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	202530	20.882	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.558	75	30881	19.763	ug/l	96
82) 4-Chlorotoluene	11.105	91	195568	20.459	ug/l	100
83) tert-Butylbenzene	11.427	119	193600	20.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	202216	21.074	ug/l	100
85) sec-Butylbenzene	11.648	105	253076	20.831	ug/l	99
86) p-Isopropyltoluene	11.800	119	202995	20.772	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	101384	19.803	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	101410	19.363	ug/l	98
89) n-Butylbenzene	12.214	91	181465	20.160	ug/l	99
90) Hexachloroethane	12.481	117	36549	20.711	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	102393	19.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	22025	19.486	ug/l	98
93) 1,2,4-Trichlorobenzene	13.845	180	60548	20.760	ug/l	98
94) Hexachlorobutadiene	14.025	225	25378	20.844	ug/l	97
95) Naphthalene	14.092	128	230356	21.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	64556	22.039	ug/l	99

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

