

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054276.D
 Acq On : 26 May 2023 11:29
 Operator : JC/MD
 Sample : VU0526WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

Quant Time: May 29 23:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	231022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	364648	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	350985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	157954	52.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.320%			
35) Dibromofluoromethane	5.282	113	123682	52.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.340%			
50) Toluene-d8	7.893	98	481071	53.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.720%			
62) 4-Bromofluorobenzene	10.626	95	176877	51.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	51875	20.114	ug/l	97
3) Chloromethane	1.520	50	62075	18.382	ug/l	96
4) Vinyl Chloride	1.604	62	60428	18.755	ug/l	99
5) Bromomethane	1.858	94	35242	19.759	ug/l	98
6) Chloroethane	1.932	64	30335	19.523	ug/l	96
7) Trichlorofluoromethane	2.134	101	80507	18.162	ug/l	96
8) Diethyl Ether	2.372	74	30632	18.667	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	45515	18.965	ug/l	97
10) Methyl Iodide	2.720	142	43744	16.838	ug/l	94
11) Tert butyl alcohol	3.247	59	71552m	87.466	ug/l	
12) 1,1-Dichloroethene	2.575	96	44508	17.911	ug/l	93
13) Acrolein	2.485	56	73052	85.840	ug/l	99
14) Allyl chloride	2.919	41	76801	17.825	ug/l	88
15) Acrylonitrile	3.311	53	168434	91.833	ug/l	98
16) Acetone	2.636	43	145796	83.987	ug/l	98
17) Carbon Disulfide	2.790	76	127571	17.371	ug/l	100
18) Methyl Acetate	2.948	43	113951	17.978	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	148147	18.213	ug/l	99
20) Methylene Chloride	3.041	84	55611	17.757	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	49143	18.472	ug/l	92
22) Diisopropyl ether	3.986	45	146518	19.186	ug/l #	82
23) Vinyl Acetate	3.948	43	524606	94.143	ug/l	98
24) 1,1-Dichloroethane	3.864	63	90999	18.609	ug/l	99
25) 2-Butanone	4.703	43	206159	89.697	ug/l	96
26) 2,2-Dichloropropane	4.655	77	77080	18.037	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	56179	18.982	ug/l	97
28) Bromochloromethane	4.967	49	47505	20.994	ug/l	85
29) Tetrahydrofuran	5.051	42	131372	90.933	ug/l	92
30) Chloroform	5.083	83	92847	18.679	ug/l	97
31) Cyclohexane	5.382	56	81498	19.058	ug/l	95
32) 1,1,1-Trichloroethane	5.311	97	79371	18.392	ug/l	99
36) 1,1-Dichloropropene	5.523	75	64921	17.602	ug/l	98
37) Ethyl Acetate	4.800	43	77776	17.303	ug/l	96
38) Carbon Tetrachloride	5.520	117	71798	19.019	ug/l	99
39) Methylcyclohexane	6.758	83	77778	18.618	ug/l	90
40) Benzene	5.768	78	201527	19.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	38477	18.521	ug/l	94
42) 1,2-Dichloroethane	5.790	62	72339	18.928	ug/l	99
43) Isopropyl Acetate	5.906	43	109956	17.734	ug/l	97
44) Trichloroethene	6.539	130	54764	18.622	ug/l	92
45) 1,2-Dichloropropane	6.787	63	52407	19.095	ug/l	100
46) Dibromomethane	6.912	93	38683	19.148	ug/l	94
47) Bromodichloromethane	7.099	83	69393	18.367	ug/l	99
48) Methyl methacrylate	6.957	41	51497	18.729	ug/l	93
49) 1,4-Dioxane	7.009	88	28546	359.614	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	376309	90.948	ug/l	99
52) Toluene	7.964	92	126499	18.857	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	79631	18.423	ug/l	98
54) cis-1,3-Dichloropropene	7.604	75	83000	18.400	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	52190	18.773	ug/l	97
56) Ethyl methacrylate	8.330	69	73991	17.880	ug/l	98
57) 1,3-Dichloropropane	8.571	76	88968	18.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	12381	46.664	ug/l	98
59) 2-Hexanone	8.681	43	289144	88.463	ug/l	98
60) Dibromochloromethane	8.806	129	52513	18.592	ug/l	99
61) 1,2-Dibromoethane	8.919	107	56878	18.799	ug/l	99
64) Tetrachloroethene	8.549	164	51463	19.482	ug/l	98
65) Chlorobenzene	9.443	112	132937	18.118	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.530	131	50420	18.942	ug/l	96
67) Ethyl Benzene	9.565	91	232932	18.568	ug/l	98
68) m/p-Xylenes	9.690	106	178429	37.525	ug/l	92
69) o-Xylene	10.095	106	87898	19.096	ug/l	96
70) Styrene	10.112	104	144369	18.913	ug/l	98
71) Bromoform	10.285	173	42278	18.277	ug/l #	100
73) Isopropylbenzene	10.478	105	227218	18.802	ug/l	97
74) N-amyl acetate	10.314	43	91596	17.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	89017	18.204	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	99924	17.546	ug/l	95
77) Bromobenzene	10.777	156	59947	18.064	ug/l	91
78) n-propylbenzene	10.899	91	275417	18.604	ug/l	99
79) 2-Chlorotoluene	10.980	91	166451	18.572	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	196283	19.099	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.539	75	25231	16.870	ug/l	94
82) 4-Chlorotoluene	11.092	91	194964	18.540	ug/l	97
83) tert-Butylbenzene	11.414	119	185076	18.009	ug/l	93
84) 1,2,4-Trimethylbenzene	11.462	105	186959	18.286	ug/l	99
85) sec-Butylbenzene	11.639	105	240369	18.433	ug/l	99
86) p-Isopropyltoluene	11.790	119	199832	18.220	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	116184	18.081	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	118251	17.616	ug/l	98
89) n-Butylbenzene	12.205	91	180101	17.445	ug/l	98
90) Hexachloroethane	12.468	117	34667	17.867	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	115409	18.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	20010	17.943	ug/l	88
93) 1,2,4-Trichlorobenzene	13.835	180	74910	17.785	ug/l	99
94) Hexachlorobutadiene	14.015	225	35645	17.676	ug/l	99
95) Naphthalene	14.082	128	221828	16.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	74865	17.667	ug/l	98

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

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