

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052195.D
 Acq On : 07 Dec 2022 12:33
 Operator : JC/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 08 04:14:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	102375	5.180	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.600%			
7) Chloroethane-d5	1.912	69	84718	5.519	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.400%			
11) 1,1-Dichloroethene-d2	2.565	65	37833	5.341	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.800%			
20) 2-Butanone-d5	4.642	46	186058	51.938	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.880%			
24) Chloroform-d	5.063	84	167809	5.779	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.600%			
26) 1,2-Dichloroethane-d4	5.700	65	83539	5.696	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.000%			
32) Benzene-d6	5.726	84	331548	5.372	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.400%			
36) 1,2-Dichloropropane-d6	6.690	67	107455	5.625	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.600%			
41) Toluene-d8	7.896	98	259980	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
43) trans-1,3-Dichloroprop...	8.179	79	33986	4.882	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.600%			
46) 2-Hexanone-d5	8.636	63	142455	48.291	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.580%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	88507	5.344	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	89441	5.851	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4277	0.243	ug/L	89
3) Chloromethane	1.523	50	7216	0.314	ug/L	94
5) Vinyl chloride	1.604	62	5703	0.258	ug/L #	72
6) Bromomethane	1.858	94	3068	0.271	ug/L	94
8) Chloroethane	1.935	64	3282	0.239	ug/L	98
9) Trichlorofluoromethane	2.137	101	6270	0.258	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4952	0.333	ug/L	85
12) 1,1-Dichloroethene	2.578	96	4401	0.299	ug/L #	1
13) Acetone	2.662	43	7083	2.912	ug/L	91
14) Carbon disulfide	2.793	76	13647	0.267	ug/L	98
15) Methyl Acetate	2.973	43	1254m	0.199	ug/L	
16) Methylene chloride	3.047	84	11137	0.559	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	7067	0.214	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	3867	0.245	ug/L	98
19) 1,1-Dichloroethane	3.870	63	6922	0.243	ug/L	99
21) 2-Butanone	4.732	43	9372m	2.404	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	3714	0.224	ug/L	89
23) Bromochloromethane	4.983	128	1875	0.236	ug/L	93
27) 1,2-Dichloroethane	5.800	62	4232	0.239	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.321	97	5650	0.245	ug/L	94
30) Cyclohexane	5.385	56	4361	0.195	ug/L	91
31) Carbon tetrachloride	5.520	117	4754	0.243	ug/L	93
33) Benzene	5.774	78	17094	0.253	ug/L	100
34) Trichloroethene	6.542	95	3791	0.225	ug/L	93
35) Methylcyclohexane	6.758	83	4935	0.203	ug/L	98
37) 1,2-Dichloropropane	6.790	63	4040	0.231	ug/L #	88
38) Bromodichloromethane	7.108	83	5111	0.239	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	5327	0.237	ug/L	93
40) 4-Methyl-2-pentanone	7.793	43	15688	1.714	ug/L #	85
42) Toluene	7.967	91	14409	0.207	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	4093	0.213	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	2700	0.205	ug/L	88
47) Tetrachloroethene	8.552	164	3212	0.248	ug/L	97
49) Dibromochloromethane	8.806	129	3445	0.234	ug/L	96
50) 1,2-Dibromoethane	8.922	107	2733	0.228	ug/L #	98
51) Chlorobenzene	9.446	112	10493	0.236	ug/L	98
52) Ethylbenzene	9.571	91	13277	0.196	ug/L	96
53) m,p-Xylene	9.693	106	4787	0.183	ug/L	96
54) o-Xylene	10.102	106	4486	0.179	ug/L	95
55) Styrene	10.115	104	6697	0.158	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	4531	0.276	ug/L #	94
59) Bromoform	10.291	173	1801	0.274	ug/L #	97
60) Isopropylbenzene	10.484	105	10196	0.203	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	2670	0.292	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	7675	0.191	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	7178	0.180	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	5650	0.221	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	6282	0.246	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	6761	0.274	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	454	0.227	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.224	180	4155	0.229	ug/L	92
70) 1,2,4-trichlorobenzene	13.838	180	3367	0.244	ug/L	93
71) Naphthalene	14.098	128	4565	0.176	ug/L #	71
72) 1,2,3-Trichlorobenzene	14.330	180	2824	0.208	ug/L	96

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

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