

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
 Data File : VU052188.D
 Acq On : 06 Dec 2022 13:10
 Operator : JC/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 21:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:24:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	102041	5.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.912	69	81854	5.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.565	65	38640	5.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.400%
20) 2-Butanone-d5	4.645	46	171502	49.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.063	84	157966	5.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	5.703	65	77747	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.726	84	319311	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.690	67	101421	5.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.896	98	249628	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.179	79	32364	4.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.636	63	124864	43.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.780%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83247	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	86074	5.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4570	0.269	ug/L	95
3) Chloromethane	1.523	50	7387	0.334	ug/L	100
5) Vinyl chloride	1.604	62	6506	0.306	ug/L #	75
6) Bromomethane	1.858	94	2301	0.211	ug/L	97
8) Chloroethane	1.932	64	3608	0.273	ug/L	96
9) Trichlorofluoromethane	2.138	101	6709	0.287	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	5325	0.372	ug/L #	83
12) 1,1-Dichloroethene	2.578	96	4913	0.346	ug/L #	1
13) Acetone	2.671	43	6784m	2.897	ug/L	
14) Carbon disulfide	2.790	76	12700	0.259	ug/L	99
15) Methyl Acetate	2.974	43	1337	0.220	ug/L #	70
16) Methylene chloride	3.047	84	9044	0.471	ug/L	91
17) Methyl tert-butyl Ether	3.363	73	7064	0.222	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	3758	0.247	ug/L	96
19) 1,1-Dichloroethane	3.874	63	6799	0.248	ug/L	96
21) 2-Butanone	4.745	43	9635m	2.567	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	3753	0.235	ug/L	85
23) Bromochloromethane	4.983	128	1917	0.251	ug/L	82
27) 1,2-Dichloroethane	5.797	62	4766	0.280	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.314	97	5781	0.257	ug/L	94
30) Cyclohexane	5.391	56	4301	0.197	ug/L	89
31) Carbon tetrachloride	5.526	117	5035	0.263	ug/L	99
33) Benzene	5.777	78	16114	0.244	ug/L	100
34) Trichloroethene	6.543	95	3905	0.237	ug/L	96
35) Methylcyclohexane	6.764	83	5130	0.217	ug/L	98
37) 1,2-Dichloropropane	6.790	63	4251	0.249	ug/L #	95
38) Bromodichloromethane	7.108	83	5076	0.244	ug/L #	86
39) cis-1,3-Dichloropropene	7.607	75	4516	0.206	ug/L	88
40) 4-Methyl-2-pentanone	7.793	43	14643	1.640	ug/L #	87
42) Toluene	7.970	91	14381	0.212	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	4422	0.235	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	2840	0.221	ug/L	93
47) Tetrachloroethene	8.552	164	3229	0.256	ug/L	85
49) Dibromochloromethane	8.809	129	3368	0.234	ug/L	91
50) 1,2-Dibromoethane	8.928	107	2787	0.238	ug/L #	99
51) Chlorobenzene	9.446	112	10559	0.244	ug/L	97
52) Ethylbenzene	9.571	91	12749	0.193	ug/L	95
53) m,p-Xylene	9.694	106	4606	0.180	ug/L	93
54) o-Xylene	10.102	106	4445	0.181	ug/L	95
55) Styrene	10.115	104	6717	0.162	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.780	83	4098	0.255	ug/L #	93
59) Bromoform	10.292	173	1981	0.303	ug/L #	86
60) Isopropylbenzene	10.484	105	10659	0.214	ug/L	95
61) 1,2,3-Trichloropropane	10.822	75	2268	0.250	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	7514	0.189	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	7073	0.179	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	6414	0.252	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	6142	0.242	ug/L	91
67) 1,2-Dichlorobenzene	12.208	146	6342	0.259	ug/L	92
68) 1,2-Dibromo-3-chloropr...	13.002	75	428	0.216	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	4640	0.257	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	3246	0.236	ug/L #	94
71) Naphthalene	14.089	128	4199	0.163	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.330	180	2780	0.206	ug/L	98

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

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