

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
 Data File : VU052187.D
 Acq On : 06 Dec 2022 12:45
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 21:33:53 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	6.250	114	193742	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98036	5.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.913	69	80972	5.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.565	65	37944	5.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.400%
20) 2-Butanone-d5	4.646	46	173793	50.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	5.060	84	155525	5.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.700	65	74641	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.726	84	313173	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.690	67	100543	5.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.896	98	244086	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.179	79	32108	4.806	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.636	63	129723	45.818	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82800	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	82451	5.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4319	0.257	ug/L	92
3) Chloromethane	1.520	50	6965	0.318	ug/L	99
5) Vinyl chloride	1.604	62	5665	0.269	ug/L #	72
6) Bromomethane	1.858	94	2504	0.232	ug/L	99
8) Chloroethane	1.935	64	3195m	0.244	ug/L	
9) Trichlorofluoromethane	2.138	101	6497	0.280	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4856	0.343	ug/L #	76
12) 1,1-Dichloroethene	2.578	96	4494	0.320	ug/L #	1
13) Acetone	2.665	43	6707m	2.891	ug/L	
14) Carbon disulfide	2.793	76	13156	0.270	ug/L	96
15) Methyl Acetate	2.974	43	1320	0.219	ug/L #	54
16) Methylene chloride	3.047	84	10077	0.530	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	6622	0.210	ug/L #	83
18) trans-1,2-Dichloroethene	3.356	96	3655	0.243	ug/L	90
19) 1,1-Dichloroethane	3.867	63	6404	0.236	ug/L	97
21) 2-Butanone	4.729	43	9186m	2.471	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	4046	0.256	ug/L	97
23) Bromochloromethane	4.977	128	1811	0.239	ug/L	85
27) 1,2-Dichloroethane	5.800	62	4379	0.260	ug/L #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.311	97	5290	0.239	ug/L	99
30) Cyclohexane	5.388	56	3924	0.183	ug/L	91
31) Carbon tetrachloride	5.523	117	4551	0.242	ug/L	95
33) Benzene	5.771	78	15452	0.238	ug/L	100
34) Trichloroethene	6.546	95	3537	0.218	ug/L	93
35) Methylcyclohexane	6.758	83	4288	0.184	ug/L	97
37) 1,2-Dichloropropane	6.790	63	3983	0.237	ug/L #	88
38) Bromodichloromethane	7.105	83	5273	0.257	ug/L	86
39) cis-1,3-Dichloropropene	7.610	75	4734	0.219	ug/L	92
40) 4-Methyl-2-pentanone	7.797	43	15819	1.801	ug/L #	84
42) Toluene	7.970	91	14009	0.210	ug/L	94
44) trans-1,3-Dichloropropene	8.208	75	4022m	0.218	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	3036	0.240	ug/L	95
49) Dibromochloromethane	8.809	129	3595	0.254	ug/L	100
50) 1,2-Dibromoethane	8.925	107	2703	0.235	ug/L #	88
51) Chlorobenzene	9.446	112	9719	0.228	ug/L	95
52) Ethylbenzene	9.568	91	12619	0.194	ug/L	89
53) m,p-Xylene	9.697	106	4228	0.168	ug/L	91
54) o-Xylene	10.099	106	4187	0.174	ug/L	90
55) Styrene	10.118	104	6076	0.149	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	3814	0.242	ug/L #	97
59) Bromoform	10.288	173	1805	0.282	ug/L #	96
60) Isopropylbenzene	10.481	105	9701	0.198	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	2543	0.285	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	6630	0.170	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	6521	0.168	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	5635	0.226	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	6122	0.246	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	6178	0.257	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	472	0.242	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	3966	0.224	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	3005	0.223	ug/L	93
71) Naphthalene	14.095	128	4419m	0.175	ug/L	
72) 1,2,3-Trichlorobenzene	14.330	180	3021	0.228	ug/L	88

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

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