

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052240.D
 Acq On : 08 Dec 2022 11:47
 Operator : JC/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 22:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	217233	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83072	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.916	69	73484	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	33087	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.642	46	245322	64.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.100%
24) Chloroform-d	5.060	84	158819	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.703	65	82316	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.726	84	316049	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.687	67	105112	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	246356	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.179	79	33370	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.636	63	176764	55.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97176	5.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	94502	5.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3628	0.193	ug/L	96
3) Chloromethane	1.520	50	5442	0.221	ug/L	99
5) Vinyl chloride	1.604	62	5230	0.221	ug/L #	67
6) Bromomethane	1.858	94	1694	0.140	ug/L	86
8) Chloroethane	1.938	64	3115	0.212	ug/L	99
9) Trichlorofluoromethane	2.141	101	5247	0.202	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	4517	0.284	ug/L #	83
12) 1,1-Dichloroethene	2.578	96	4124	0.262	ug/L #	1
13) Acetone	2.681	43	7675m	2.951	ug/L	
14) Carbon disulfide	2.797	76	11501	0.211	ug/L	97
15) Methyl Acetate	2.964	43	1696	0.251	ug/L #	62
16) Methylene chloride	3.051	84	7386	0.346	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	6948	0.197	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	3221	0.191	ug/L	88
19) 1,1-Dichloroethane	3.867	63	6294	0.207	ug/L	95
21) 2-Butanone	4.745	43	10454m	2.508	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	3578	0.202	ug/L	90
23) Bromochloromethane	4.973	128	1907	0.225	ug/L	91
27) 1,2-Dichloroethane	5.800	62	4236	0.224	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.317	97	5155	0.206	ug/L	96
30) Cyclohexane	5.388	56	3965	0.163	ug/L #	68
31) Carbon tetrachloride	5.526	117	4160	0.196	ug/L	98
33) Benzene	5.777	78	15961	0.218	ug/L	100
34) Trichloroethene	6.539	95	3580	0.196	ug/L	96
35) Methylcyclohexane	6.764	83	4473	0.170	ug/L	96
37) 1,2-Dichloropropane	6.793	63	3923	0.207	ug/L #	89
38) Bromodichloromethane	7.108	83	4498	0.194	ug/L #	93
39) cis-1,3-Dichloropropene	7.604	75	4127	0.169	ug/L	92
40) 4-Methyl-2-pentanone	7.793	43	16641	1.679	ug/L #	88
44) trans-1,3-Dichloropropene	8.208	75	4249	0.204	ug/L	88
45) 1,1,2-Trichloroethane	8.398	97	2784	0.195	ug/L	91
49) Dibromochloromethane	8.809	129	3484	0.218	ug/L	97
50) 1,2-Dibromoethane	8.922	107	2554	0.197	ug/L #	96
51) Chlorobenzene	9.446	112	9777	0.203	ug/L	96
52) Ethylbenzene	9.568	91	13448	0.183	ug/L	95
53) m,p-Xylene	9.690	106	4630	0.163	ug/L	77
54) o-Xylene	10.099	106	4379	0.161	ug/L	95
55) Styrene	10.111	104	6749	0.147	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	4076	0.229	ug/L #	97
59) Bromoform	10.292	173	1890	0.240	ug/L #	96
60) Isopropylbenzene	10.481	105	9833	0.163	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	2704	0.247	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.086	105	7549	0.157	ug/L	95
63) 1,2,4-Trimethylbenzene	11.465	105	6794	0.142	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	6823	0.222	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	7451	0.243	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	10114	0.342	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.005	75	450	0.188	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.217	180	4358	0.200	ug/L	87
70) 1,2,4-trichlorobenzene	13.841	180	3624	0.218	ug/L	97
71) Naphthalene	14.089	128	5676	0.182	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.327	180	3699	0.227	ug/L	90

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

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