

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
 Data File : VU052189.D
 Acq On : 06 Dec 2022 13:39
 Operator : JC/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 21:34:41 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	198002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107518	5.582	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.600%	
7) Chloroethane-d5	1.912	69	87487	5.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.000%	
11) 1,1-Dichloroethene-d2	2.565	65	40528	5.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	117.400%	
20) 2-Butanone-d5	4.642	46	183994	52.704	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.400%	
24) Chloroform-d	5.063	84	170210	6.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	120.200%	
26) 1,2-Dichloroethane-d4	5.700	65	81644	5.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	5.726	84	331405	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
36) 1,2-Dichloropropane-d6	6.690	67	107433	5.753	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.000%	
41) Toluene-d8	7.896	98	266687	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	8.179	79	33864	4.976	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.636	63	134497	46.638	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.280%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	88104	5.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	88190	5.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4474	0.261	ug/L	97
3) Chloromethane	1.520	50	6842	0.305	ug/L	98
5) Vinyl chloride	1.604	62	6175	0.287	ug/L #	75
6) Bromomethane	1.858	94	3057	0.277	ug/L	92
8) Chloroethane	1.935	64	3527	0.263	ug/L	97
9) Trichlorofluoromethane	2.141	101	6418	0.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	5116	0.353	ug/L #	79
12) 1,1-Dichloroethene	2.578	96	4719	0.329	ug/L #	1
13) Acetone	2.665	43	6835m	2.883	ug/L	
14) Carbon disulfide	2.793	76	13316	0.268	ug/L	97
15) Methyl Acetate	2.977	43	1060	0.172	ug/L #	61
16) Methylene chloride	3.047	84	8603	0.443	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	6560	0.204	ug/L #	92
18) trans-1,2-Dichloroethene	3.353	96	3811	0.248	ug/L	97
19) 1,1-Dichloroethane	3.870	63	6968	0.251	ug/L #	90
21) 2-Butanone	4.742	43	9705m	2.554	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	3935	0.244	ug/L	100
23) Bromochloromethane	4.983	128	2173	0.281	ug/L #	73
27) 1,2-Dichloroethane	5.793	62	4611	0.268	ug/L #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
 Data File : VU052189.D
 Acq On : 06 Dec 2022 13:39
 Operator : JC/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 21:34:41 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)
29) 1,1,1-Trichloroethane	5.317	97	5617	0.249	ug/L #	85
30) Cyclohexane	5.385	56	4542	0.207	ug/L	98
31) Carbon tetrachloride	5.523	117	4690	0.245	ug/L	99
33) Benzene	5.774	78	16464	0.249	ug/L	100
34) Trichloroethene	6.539	95	3748	0.227	ug/L	96
35) Methylcyclohexane	6.761	83	5301	0.223	ug/L	91
37) 1,2-Dichloropropane	6.790	63	4221	0.246	ug/L #	89
38) Bromodichloromethane	7.108	83	5391	0.258	ug/L #	84
39) cis-1,3-Dichloropropene	7.607	75	4552	0.207	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	15315	1.712	ug/L #	83
42) Toluene	7.970	91	15075	0.222	ug/L	93
44) trans-1,3-Dichloropropene	8.211	75	4139	0.220	ug/L	90
45) 1,1,2-Trichloroethane	8.401	97	3167	0.246	ug/L	98
47) Tetrachloroethene	8.555	164	3100	0.245	ug/L	91
49) Dibromochloromethane	8.809	129	3818	0.265	ug/L	98
50) 1,2-Dibromoethane	8.922	107	2871	0.245	ug/L #	93
51) Chlorobenzene	9.446	112	10098	0.233	ug/L	98
52) Ethylbenzene	9.571	91	13232	0.200	ug/L	97
53) m,p-Xylene	9.697	106	4526	0.177	ug/L	93
54) o-Xylene	10.099	106	4524	0.184	ug/L	91
55) Styrene	10.115	104	6280	0.151	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.780	83	3886	0.242	ug/L #	96
59) Bromoform	10.288	173	1906	0.294	ug/L #	97
60) Isopropylbenzene	10.484	105	11034	0.223	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	2477	0.275	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	7099	0.180	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	7115	0.181	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	6046	0.240	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	6214	0.247	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	6618	0.272	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.996	75	418	0.212	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.224	180	4579	0.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	3054	0.224	ug/L	95
71) Naphthalene	14.092	128	4632	0.181	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.333	180	2948	0.220	ug/L	98

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

