

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045803.D
 Acq On : 16 Nov 2021 12:49
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 16 17:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

11/17/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42944	5.000	ug/L	0.00

11/17/2021

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	29738	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	24413	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	13509	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.649	46	108247	57.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.520%
24) Chloroform-d	5.067	84	56479	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.707	65	35858	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.732	84	117261	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	38980	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	99482	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	15412	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.636	63	80403	55.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36074	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	38602	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	1364	0.190	ug/L	97
3) Chloromethane	1.520	50	2630	0.345	ug/L	96
5) Vinyl chloride	1.604	62	1539	0.201	ug/L #	49
6) Bromomethane	1.861	94	938	0.207	ug/L	90
8) Chloroethane	1.935	64	1054	0.242	ug/L	84
9) Trichlorofluoromethane	2.144	101	2157	0.219	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1431	0.247	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	1224	0.224	ug/L #	1
13) Acetone	2.671	43	1520	1.378	ug/L	71
14) Carbon disulfide	2.800	76	3580	0.207	ug/L	100
15) Methyl Acetate	2.967	43	870	0.321	ug/L #	51
16) Methylene chloride	3.051	84	2604	0.323	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	2786	0.196	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	1139	0.194	ug/L #	82
19) 1,1-Dichloroethane	3.880	63	2025	0.185	ug/L #	83
21) 2-Butanone	4.726	43	5566m	2.999	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1208	0.190	ug/L	93
23) Bromochloromethane	4.977	128	511	0.185	ug/L	95
25) Chloroform	5.096	83	8314	0.698	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.797	62	1776	0.234	ug/L	#	73
29) 1,1,1-Trichloroethane	5.317	97	1786	0.179	ug/L		91
30) Cyclohexane	5.388	56	1654	0.167	ug/L		92
31) Carbon tetrachloride	5.530	117	1516	0.181	ug/L		98
33) Benzene	5.777	78	4935	0.193	ug/L		100
34) Trichloroethene	6.549	95	1240	0.188	ug/L		96
35) Methylcyclohexane	6.768	83	1915	0.189	ug/L	#	85
37) 1,2-Dichloropropane	6.800	63	1316	0.195	ug/L	#	88
38) Bromodichloromethane	7.108	83	1464	0.176	ug/L	#	94
39) cis-1,3-Dichloropropene	7.607	75	1744	0.182	ug/L		98
40) 4-Methyl-2-pentanone	7.796	43	8620	1.952	ug/L	#	85
42) Toluene	7.973	91	6266	0.237	ug/L		99
44) trans-1,3-Dichloropropene	8.214	75	1659	0.199	ug/L		86
45) 1,1,2-Trichloroethane	8.407	97	993	0.199	ug/L		91
47) Tetrachloroethene	8.559	164	907	0.196	ug/L		87
48) 2-Hexanone	8.690	43	11868	3.720	ug/L	#	97
49) Dibromochloromethane	8.813	129	1080	0.190	ug/L		92
50) 1,2-Dibromoethane	8.925	107	911	0.193	ug/L	#	90
51) Chlorobenzene	9.449	112	3353	0.202	ug/L		95
52) Ethylbenzene	9.575	91	4975	0.180	ug/L		99
53) m,p-Xylene	9.697	106	1929	0.182	ug/L		100
54) o-Xylene	10.102	106	1638	0.160	ug/L		70
55) Styrene	10.118	104	2826	0.164	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.784	83	1316	0.206	ug/L	#	95
59) Bromoform	10.298	173	593	0.208	ug/L	#	74
60) Isopropylbenzene	10.488	105	4161	0.165	ug/L		96
61) 1,2,3-Trichloropropane	10.825	75	988	0.222	ug/L	#	89
62) 1,3,5-Trimethylbenzene	11.089	105	3285	0.159	ug/L		97
63) 1,2,4-Trimethylbenzene	11.472	105	3336	0.162	ug/L		98
64) 1,3-Dichlorobenzene	11.745	146	2273	0.193	ug/L		98
65) 1,4-Dichlorobenzene	11.841	146	3584	0.300	ug/L		85
67) 1,2-Dichlorobenzene	12.214	146	2340	0.207	ug/L		92
69) 1,3,5-Trichlorobenzene	13.841	180	1339	0.152	ug/L		93
70) 1,2,4-trichlorobenzene	13.841	180	1339	0.180	ug/L		93
71) Naphthalene	14.089	128	2632	0.172	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.333	180	1321	0.178	ug/L		97

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

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