

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
 Data File : VX025046.D
 Acq On : 02 Nov 2021 14:03
 Operator : JC/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 03 01:25:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 03 00:53:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	76280	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	12781	5.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.672	69	10593	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.312	63	28455	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.495	46	48051	58.688	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.380%
24) Chloroform-d	5.068	84	47124	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.970	65	25918	4.399	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.982	84	76514	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	7.318	67	24588	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	8.653	98	76190	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.951	79	11766	4.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	9.390	63	43006	50.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18676	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	26954	4.816	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1782	0.203	ug/L #	87
3) Chloromethane	1.294	50	902	0.295	ug/L #	61
5) Vinyl chloride	1.380	62	892	0.239	ug/L	83
6) Bromomethane	1.617	94	573	0.197	ug/L	80
8) Chloroethane	1.697	64	502	0.224	ug/L #	62
9) Trichlorofluoromethane	1.892	101	1970	0.177	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1125	0.193	ug/L #	86
12) 1,1-Dichloroethene	2.325	96	1009	0.216	ug/L #	1
13) Acetone	2.422	43	1337m	2.177	ug/L	
14) Carbon disulfide	2.514	76	2401	0.188	ug/L	99
15) Methyl Acetate	2.727	43	234	0.168	ug/L #	56
16) Methylene chloride	2.794	84	2852	0.525	ug/L	91
17) Methyl tert-butyl Ether	3.117	73	2261	0.168	ug/L #	87
18) trans-1,2-Dichloroethene	3.093	96	954	0.175	ug/L #	20
19) 1,1-Dichloroethane	3.623	63	1945	0.204	ug/L	91
21) 2-Butanone	4.599	43	2077m	2.299	ug/L	
22) cis-1,2-Dichloroethene	4.501	96	980	0.168	ug/L #	51
23) Bromochloromethane	4.916	128	245m	0.093	ug/L	
25) Chloroform	5.105	83	3594m	0.290	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	6.104	62	1415	0.186	ug/L #	85	11/03/2021
29) 1,1,1-Trichloroethane	5.397	97	2303	0.192	ug/L #	40	Supervised By :Mahesh Dadoda
30) Cyclohexane	5.476	56	1437m	0.193	ug/L		
31) Carbon tetrachloride	5.690	117	1735	0.168	ug/L	95	
33) Benzene	6.043	78	3852	0.190	ug/L	100	
34) Trichloroethene	7.129	95	1436	0.218	ug/L #	87	
35) Methylcyclohexane	7.379	83	1448	0.157	ug/L #	83	11/10/2021
37) 1,2-Dichloropropane	7.440	63	967	0.196	ug/L #	95	
38) Bromodichloromethane	7.836	83	1466	0.178	ug/L #	88	
39) cis-1,3-Dichloropropene	8.372	75	1433	0.172	ug/L	97	
40) 4-Methyl-2-pentanone	8.586	43	4503	2.044	ug/L #	82	
42) Toluene	8.720	91	5366	0.227	ug/L	98	
44) trans-1,3-Dichloropropene	8.982	75	1338m	0.177	ug/L		
45) 1,1,2-Trichloroethane	9.153	97	597	0.150	ug/L #	66	
47) Tetrachloroethene	9.281	164	1123	0.244	ug/L #	58	
48) 2-Hexanone	9.433	43	3711	2.307	ug/L #	95	
49) Dibromochloromethane	9.531	129	1066	0.205	ug/L	75	
50) 1,2-Dibromoethane	9.616	107	656	0.165	ug/L #	81	
51) Chlorobenzene	10.085	112	2812	0.187	ug/L #	91	
52) Ethylbenzene	10.195	91	4896	0.175	ug/L	91	
53) m,p-xylene	10.311	106	1623	0.164	ug/L	83	
54) o-xylene	10.646	106	1406	0.146	ug/L	78	
55) Styrene	10.665	104	2577	0.159	ug/L	90	
57) 1,1,2,2-Tetrachloroethane	11.213	83	893	0.195	ug/L #	78	
59) Bromoform	10.805	173	381	0.165	ug/L #	92	
60) Isopropylbenzene	10.969	105	4085	0.154	ug/L #	86	
61) 1,2,3-Trichloropropane	11.244	75	822	0.254	ug/L #	70	
62) 1,3,5-Trimethylbenzene	11.451	105	3514	0.152	ug/L	96	
63) 1,2,4-Trimethylbenzene	11.756	105	3529	0.149	ug/L	90	
64) 1,3-Dichlorobenzene	11.975	146	2019	0.183	ug/L	86	
65) 1,4-Dichlorobenzene	12.042	146	2129	0.193	ug/L	90	
67) 1,2-Dichlorobenzene	12.335	146	2003	0.198	ug/L	95	
68) 1,2-Dibromo-3-chloropr...	12.939	75	72	0.091	ug/L #	6	
69) 1,3,5-Trichlorobenzene	13.115	180	1353	0.161	ug/L #	92	
70) 1,2,4-trichlorobenzene	13.591	180	755	0.114	ug/L	93	
71) Naphthalene	13.786	128	1026	0.086	ug/L #	75	
72) 1,2,3-Trichlorobenzene	13.963	180	694	0.116	ug/L #	77	

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

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