

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010822\
 Data File : VW024313.D
 Acq On : 08 Jan 2022 12:59
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 01/10/2022

Supervised By :Mahesh
 Dadoda
 01/10/2022

Quant Time: Jan 10 02:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 01:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	96764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	98033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33800	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	29055	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	52103	3.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.921	46	50011m	48.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	4.346	84	70634	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	34916	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	130600	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	36867	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.313	98	120656	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.622	79	14886	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.091	63	48600	47.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24469	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48855	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2218	0.182	ug/L	100
3) Chloromethane	1.240	50	1796	0.221	ug/L	91
5) Vinyl chloride	1.310	62	2156	0.241	ug/L #	55
6) Bromomethane	1.523	94	1204	0.203	ug/L	92
8) Chloroethane	1.587	64	1365	0.242	ug/L	98
9) Trichlorofluoromethane	1.751	101	3462	0.195	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2362	0.264	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	2153	0.282	ug/L #	1
13) Acetone	2.207	43	2213m	2.253	ug/L	
14) Carbon disulfide	2.297	76	3907	0.217	ug/L	98
15) Methyl Acetate	2.439	43	410m	0.199	ug/L	
16) Methylene chloride	2.510	84	2480	0.212	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	3311	0.180	ug/L #	86
18) trans-1,2-Dichloroethene	2.764	96	1579	0.194	ug/L	93
19) 1,1-Dichloroethane	3.191	63	3158	0.219	ug/L #	87
21) 2-Butanone	4.008	43	3254m	2.443	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	1810	0.203	ug/L	85
23) Bromochloromethane	4.249	128	807	0.203	ug/L #	70
25) Chloroform	4.375	83	5015	0.290	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.149	62	2117	0.221	ug/L	#	83
29) 1,1,1-Trichloroethane	4.612	97	3427	0.204	ug/L		98
30) Cyclohexane	4.683	56	1945	0.184	ug/L	#	78
31) Carbon tetrachloride	4.825	117	3023	0.198	ug/L		95
33) Benzene	5.108	78	6782	0.210	ug/L		100
34) Trichloroethene	5.921	95	1816	0.201	ug/L		87
35) Methylcyclohexane	6.124	83	2678	0.212	ug/L		90
37) 1,2-Dichloropropane	6.178	63	1699	0.227	ug/L	#	84
38) Bromodichloromethane	6.513	83	2079	0.176	ug/L	#	86
39) cis-1,3-Dichloropropene	7.040	75	2056	0.180	ug/L		86
40) 4-Methyl-2-pentanone	7.233	43	5947	1.550	ug/L	#	87
42) Toluene	7.391	91	9198	0.247	ug/L		91
44) trans-1,3-Dichloropropene	7.661	75	2282m	0.222	ug/L		
45) 1,1,2-Trichloroethane	7.841	97	1352	0.222	ug/L	#	85
47) Tetrachloroethene	7.979	164	1639	0.194	ug/L		89
48) 2-Hexanone	8.146	43	11980m	4.231	ug/L		
49) Dibromochloromethane	8.249	129	1695	0.202	ug/L		96
50) 1,2-Dibromoethane	8.355	107	1094	0.198	ug/L	#	89
51) Chlorobenzene	8.879	112	5140	0.200	ug/L		92
52) Ethylbenzene	9.017	91	7799	0.191	ug/L		100
53) m,p-xylene	9.146	106	3070	0.188	ug/L		88
54) o-xylene	9.545	106	2585	0.162	ug/L		84
55) Styrene	9.567	104	4852	0.180	ug/L		92
57) 1,1,2,2-Tetrachloroethane	10.243	83	1208	0.195	ug/L	#	74
59) Bromoform	9.738	173	648	0.144	ug/L	#	95
60) Isopropylbenzene	9.931	105	6938	0.174	ug/L	#	97
61) 1,2,3-Trichloropropane	10.278	75	924	0.211	ug/L		95
62) 1,3,5-Trimethylbenzene	10.538	105	5934	0.174	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	6434	0.185	ug/L		97
64) 1,3-Dichlorobenzene	11.185	146	4483	0.212	ug/L		98
65) 1,4-Dichlorobenzene	11.275	146	4769	0.226	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	4223	0.220	ug/L	#	92
68) 1,2-Dibromo-3-chloropr...	12.422	75	77	0.080	ug/L	#	45
69) 1,3,5-Trichlorobenzene	12.648	180	3554	0.203	ug/L		97
70) 1,2,4-trichlorobenzene	13.265	180	2709	0.197	ug/L		96
71) Naphthalene	13.509	128	3261	0.170	ug/L		97
72) 1,2,3-Trichlorobenzene	13.744	180	2282	0.192	ug/L		95

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

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