

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029400.D
 Acq On : 05 Dec 2022 13:11
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 05 23:30:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	230780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	212271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71846	5.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.200%		
7) Chloroethane-d5	1.565	69	55004	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.102	63	86707	3.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 76.400%		
20) 2-Butanone-d5	3.902	46	84986	35.771	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 71.540%		
24) Chloroform-d	4.339	84	121966	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.200%		
26) 1,2-Dichloroethane-d4	5.024	65	54569	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.800%		
32) Benzene-d6	5.040	84	265028	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.400%		
36) 1,2-Dichloropropane-d6	6.063	67	79733	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 96.800%		
41) Toluene-d8	7.307	98	239770	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.600%		
43) trans-1,3-Dichloroprop...	7.616	79	28645	4.507	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.200%		
46) 2-Hexanone-d5	8.085	63	106369	46.951	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.900%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53267	5.237	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.612	152	86877	4.471	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 89.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	3186	0.185	ug/L	97
3) Chloromethane	1.240	50	4010	0.254	ug/L	95
5) Vinyl chloride	1.307	62	3309	0.210	ug/L #	66
6) Bromomethane	1.520	94	1422	0.145	ug/L	86
8) Chloroethane	1.581	64	2055	0.220	ug/L	99
9) Trichlorofluoromethane	1.748	101	4315	0.196	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3567	0.291	ug/L #	76
12) 1,1-Dichloroethene	2.111	96	3184	0.268	ug/L #	1
13) Acetone	2.195	43	3678m	2.129	ug/L	
14) Carbon disulfide	2.288	76	7599	0.220	ug/L	96
15) Methyl Acetate	2.442	43	1025	0.206	ug/L #	59
16) Methylene chloride	2.503	84	5484	0.302	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	6338	0.209	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	2920	0.214	ug/L	94
19) 1,1-Dichloroethane	3.185	63	5204	0.212	ug/L #	87
21) 2-Butanone	3.995	43	4623m	1.709	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	3288	0.211	ug/L	75
23) Bromochloromethane	4.243	128	1384	0.222	ug/L	77
25) Chloroform	4.368	83	5716	0.223	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	2510	0.181	ug/L #	85
29) 1,1,1-Trichloroethane	4.606	97	4996	0.205	ug/L	99
30) Cyclohexane	4.671	56	4494	0.186	ug/L	97
31) Carbon tetrachloride	4.818	117	4054	0.196	ug/L	99
33) Benzene	5.092	78	12864	0.203	ug/L	100
34) Trichloroethene	5.912	95	3441	0.212	ug/L	81
35) Methylcyclohexane	6.124	83	5320	0.195	ug/L	97
37) 1,2-Dichloropropane	6.172	63	3263	0.218	ug/L #	86
38) Bromodichloromethane	6.507	83	4057	0.227	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	4692	0.215	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	12529	1.790	ug/L #	86
42) Toluene	7.384	91	13426	0.197	ug/L	94
44) trans-1,3-Dichloropropene	7.654	75	3690	0.213	ug/L	90
45) 1,1,2-Trichloroethane	7.834	97	2122	0.210	ug/L	96
47) Tetrachloroethene	7.969	164	2378	0.179	ug/L	97
48) 2-Hexanone	8.143	43	9884	2.026	ug/L #	85
49) Dibromochloromethane	8.240	129	2494	0.219	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1880	0.213	ug/L #	99
51) Chlorobenzene	8.873	112	8704	0.204	ug/L	91
52) Ethylbenzene	9.008	91	14404	0.203	ug/L	98
53) m,p-Xylene	9.133	106	5500	0.196	ug/L	89
54) o-Xylene	9.535	106	5000	0.182	ug/L	92
55) Styrene	9.558	104	9019	0.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	2689	0.257	ug/L	94
59) Bromoform	9.725	173	1383	0.237	ug/L #	89
60) Isopropylbenzene	9.921	105	13781	0.192	ug/L	97
61) 1,2,3-Trichloropropane	10.265	75	1768	0.229	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.529	105	11462	0.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	12087	0.193	ug/L	96
64) 1,3-Dichlorobenzene	11.172	146	7004	0.209	ug/L	90
65) 1,4-Dichlorobenzene	11.262	146	7142	0.215	ug/L	92
67) 1,2-Dichlorobenzene	11.632	146	6863	0.222	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.413	75	394	0.260	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.635	180	5976	0.216	ug/L #	95
70) 1,2,4-trichlorobenzene	13.249	180	4786	0.214	ug/L	98
71) Naphthalene	13.497	128	5673	0.293	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.731	180	4097	0.225	ug/L	97

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

