

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029398.D
 Acq On : 05 Dec 2022 12:00
 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 :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 05 23:30:36 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	233661	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	218225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71639	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.564	69	54506	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.101	63	86846	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.902	46	93262	38.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.540%
24) Chloroform-d	4.336	84	122488	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.024	65	53605	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.040	84	266229	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.063	67	77896	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.307	98	241553	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.616	79	28666	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.085	63	100947	43.342	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	51660	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	85484	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3132	0.180	ug/L	92
3) Chloromethane	1.236	50	3864	0.242	ug/L	99
5) Vinyl chloride	1.307	62	3333	0.209	ug/L #	66
6) Bromomethane	1.516	94	1580	0.159	ug/L	99
8) Chloroethane	1.581	64	2035	0.215	ug/L	98
9) Trichlorofluoromethane	1.748	101	4344	0.195	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3480	0.280	ug/L #	74
12) 1,1-Dichloroethene	2.114	96	3317	0.276	ug/L #	1
13) Acetone	2.195	43	3148	1.800	ug/L	70
14) Carbon disulfide	2.288	76	7897	0.226	ug/L	98
15) Methyl Acetate	2.445	43	1304m	0.259	ug/L	
16) Methylene chloride	2.500	84	5472	0.298	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	6657	0.217	ug/L	94
18) trans-1,2-Dichloroethene	2.754	96	2910	0.211	ug/L	97
19) 1,1-Dichloroethane	3.185	63	5261	0.212	ug/L	98
21) 2-Butanone	3.998	43	4705m	1.718	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	3473	0.220	ug/L	99
23) Bromochloromethane	4.249	128	1193	0.189	ug/L	98
25) Chloroform	4.365	83	5895	0.227	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	2891	0.206	ug/L #	72
29) 1,1,1-Trichloroethane	4.600	97	4875	0.194	ug/L	95
30) Cyclohexane	4.661	56	4313	0.174	ug/L	98
31) Carbon tetrachloride	4.822	117	4051	0.191	ug/L	97
33) Benzene	5.095	78	13321	0.204	ug/L	100
34) Trichloroethene	5.915	95	3329	0.200	ug/L	87
35) Methylcyclohexane	6.121	83	5415	0.193	ug/L	94
37) 1,2-Dichloropropane	6.169	63	2799	0.182	ug/L #	96
38) Bromodichloromethane	6.506	83	3776	0.205	ug/L	88
39) cis-1,3-Dichloropropene	7.027	75	4487m	0.200	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	12514	1.739	ug/L #	85
42) Toluene	7.384	91	13270	0.189	ug/L	94
44) trans-1,3-Dichloropropene	7.648	75	4578	0.257	ug/L	92
45) 1,1,2-Trichloroethane	7.838	97	2065	0.198	ug/L	91
47) Tetrachloroethene	7.969	164	2529	0.185	ug/L	93
48) 2-Hexanone	8.140	43	11612	2.315	ug/L	94
49) Dibromochloromethane	8.236	129	2557	0.218	ug/L	82
50) 1,2-Dibromoethane	8.346	107	1803	0.199	ug/L #	91
51) Chlorobenzene	8.873	112	9233	0.211	ug/L	99
52) Ethylbenzene	9.005	91	13963	0.191	ug/L	97
53) m,p-Xylene	9.133	106	5420	0.188	ug/L	96
54) o-Xylene	9.535	106	5267	0.186	ug/L	98
55) Styrene	9.558	104	8679	0.182	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.233	83	2610	0.242	ug/L	92
59) Bromoform	9.725	173	1303	0.221	ug/L #	93
60) Isopropylbenzene	9.921	105	13817	0.190	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	1924	0.247	ug/L	93
62) 1,3,5-Trimethylbenzene	10.532	105	11698	0.186	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	11607	0.183	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	6940	0.205	ug/L	93
65) 1,4-Dichlorobenzene	11.262	146	7378	0.220	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	6702	0.215	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	500	0.327	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.632	180	6042	0.216	ug/L	93
70) 1,2,4-trichlorobenzene	13.252	180	4766	0.211	ug/L	96
71) Naphthalene	13.493	128	5804	0.296	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.734	180	4412	0.240	ug/L	90

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

