

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120222\
 Data File : VW029391.D
 Acq On : 02 Dec 2022 14:17
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 21:30:26 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	254463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	232349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	115140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60539	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.564	69	51784	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.105	63	77611	3.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.892	46	147208	56.193	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.339	84	136014	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.024	65	63055	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.043	84	287413	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	87457	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.307	98	260926	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.616	79	33575	4.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.085	63	138180	55.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60928	5.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	98232	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3737	0.197	ug/L	96
3) Chloromethane	1.240	50	6645	0.382	ug/L	92
5) Vinyl chloride	1.310	62	3636	0.210	ug/L #	74
6) Bromomethane	1.519	94	1783	0.165	ug/L	94
8) Chloroethane	1.584	64	2491	0.242	ug/L	100
9) Trichlorofluoromethane	1.751	101	5057	0.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3660	0.271	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	3424	0.262	ug/L #	1
14) Carbon disulfide	2.291	76	8263	0.217	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	6974	0.208	ug/L #	95
18) trans-1,2-Dichloroethene	2.757	96	3389	0.226	ug/L	89
19) 1,1-Dichloroethane	3.185	63	6014	0.223	ug/L	91
21) 2-Butanone	3.992	43	6667m	2.236	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	3357	0.195	ug/L	93
23) Bromochloromethane	4.256	128	1416	0.206	ug/L #	80
25) Chloroform	4.368	83	6647	0.236	ug/L	89
27) 1,2-Dichloroethane	5.133	62	3423	0.224	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	5577	0.209	ug/L	95
30) Cyclohexane	4.670	56	5009	0.190	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.818	117	4598	0.203	ug/L	99
33) Benzene	5.098	78	13156	0.189	ug/L	100
35) Methylcyclohexane	6.121	83	6325	0.211	ug/L	91
37) 1,2-Dichloropropane	6.172	63	3691	0.225	ug/L #	95
38) Bromodichloromethane	6.506	83	4064	0.207	ug/L #	90
39) cis-1,3-Dichloropropene	7.027	75	4911m	0.205	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	14063	1.836	ug/L #	86
42) Toluene	7.384	91	17318	0.232	ug/L	95
44) trans-1,3-Dichloropropene	7.648	75	4072m	0.215	ug/L	
45) 1,1,2-Trichloroethane	7.834	97	2145	0.194	ug/L	97
47) Tetrachloroethene	7.969	164	2753	0.189	ug/L	93
49) Dibromochloromethane	8.243	129	2423	0.194	ug/L	88
50) 1,2-Dibromoethane	8.349	107	1577	0.163	ug/L #	66
51) Chlorobenzene	8.876	112	9786	0.210	ug/L	93
52) Ethylbenzene	9.005	91	16223	0.209	ug/L	98
53) m,p-Xylene	9.133	106	6357	0.207	ug/L	98
54) o-Xylene	9.535	106	5845	0.194	ug/L	99
55) Styrene	9.558	104	9741	0.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	2680	0.234	ug/L #	81
59) Bromoform	9.725	173	1456	0.241	ug/L #	94
60) Isopropylbenzene	9.921	105	14631	0.197	ug/L	97
61) 1,2,3-Trichloropropane	10.262	75	1720	0.215	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	12792	0.198	ug/L	96
63) 1,2,4-Trimethylbenzene	10.905	105	12931	0.199	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	7578	0.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	399	0.254	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	6142	0.215	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	5047	0.218	ug/L	96
71) Naphthalene	13.496	128	5249	0.262	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.731	180	4157	0.220	ug/L	94

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

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