

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029399.D
 Acq On : 05 Dec 2022 12:21
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 23:30:47 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	5.616	114	227569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	208534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	109553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69372	4.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.564	69	51839	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	85491	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.921	46	96230	41.075	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	4.346	84	117264	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.031	65	52184	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	253319	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	76460	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.310	98	232323	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.619	79	28551	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.091	63	106489	47.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	51257	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	82867	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3098	0.182	ug/L	96
3) Chloromethane	1.240	50	3985	0.256	ug/L	88
5) Vinyl chloride	1.307	62	3097	0.200	ug/L #	45
6) Bromomethane	1.519	94	1578	0.163	ug/L	88
8) Chloroethane	1.584	64	2008	0.218	ug/L	95
9) Trichlorofluoromethane	1.751	101	4229	0.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3332	0.275	ug/L #	79
12) 1,1-Dichloroethene	2.114	96	3262	0.279	ug/L #	1
13) Acetone	2.224	43	4463m	2.620	ug/L	
14) Carbon disulfide	2.291	76	7488	0.220	ug/L #	92
15) Methyl Acetate	2.455	43	1250m	0.255	ug/L	
16) Methylene chloride	2.507	84	5533	0.309	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	6452	0.216	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	2703	0.201	ug/L	92
19) 1,1-Dichloroethane	3.188	63	5082	0.210	ug/L #	84
21) 2-Butanone	4.018	43	4491m	1.684	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	3174	0.207	ug/L	75
23) Bromochloromethane	4.249	128	1212	0.197	ug/L #	85
25) Chloroform	4.378	83	5930	0.235	ug/L	100

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27) 1,2-Dichloroethane	5.143	62	3007	0.220	ug/L #	92
29) 1,1,1-Trichloroethane	4.603	97	4901	0.204	ug/L	99
30) Cyclohexane	4.670	56	4427	0.187	ug/L #	92
31) Carbon tetrachloride	4.828	117	3945	0.194	ug/L	93
33) Benzene	5.101	78	11888	0.191	ug/L	100
34) Trichloroethene	5.921	95	2970	0.187	ug/L	91
35) Methylcyclohexane	6.127	83	5033	0.187	ug/L	96
37) 1,2-Dichloropropane	6.172	63	3024	0.206	ug/L #	85
38) Bromodichloromethane	6.510	83	3941	0.224	ug/L #	98
39) cis-1,3-Dichloropropene	7.034	75	4485	0.209	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	12671	1.843	ug/L #	86
42) Toluene	7.387	91	13146	0.196	ug/L	93
44) trans-1,3-Dichloropropene	7.651	75	3849	0.226	ug/L	88
45) 1,1,2-Trichloroethane	7.838	97	2086	0.210	ug/L	95
47) Tetrachloroethene	7.973	164	2445	0.187	ug/L	90
48) 2-Hexanone	8.146	43	11513	2.402	ug/L	96
49) Dibromochloromethane	8.239	129	2504	0.224	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1804	0.208	ug/L #	91
51) Chlorobenzene	8.876	112	8774	0.210	ug/L	99
52) Ethylbenzene	9.008	91	13784	0.198	ug/L	100
53) m,p-Xylene	9.136	106	5139	0.187	ug/L	92
54) o-Xylene	9.538	106	5488	0.203	ug/L	94
55) Styrene	9.561	104	8723	0.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	2813	0.273	ug/L	85
59) Bromoform	9.728	173	1468	0.255	ug/L #	93
60) Isopropylbenzene	9.924	105	13813	0.195	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	1744	0.230	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.532	105	11630	0.190	ug/L	96
63) 1,2,4-Trimethylbenzene	10.905	105	11369	0.184	ug/L	97
64) 1,3-Dichlorobenzene	11.175	146	7044	0.213	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	7579	0.232	ug/L	92
67) 1,2-Dichlorobenzene	11.632	146	6368	0.209	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	12.413	75	441	0.296	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.635	180	5799	0.213	ug/L	94
70) 1,2,4-trichlorobenzene	13.249	180	4648	0.211	ug/L	96
71) Naphthalene	13.496	128	6161	0.323	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	3964	0.221	ug/L	97

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

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