

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029406.D
 Acq On : 06 Dec 2022 11:32
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 06 21:55:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:48:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	204550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	187277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63799	5.068	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.564	69	48323	5.244	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.101	63	76285	3.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.899	46	72834	34.587	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.180%	
24) Chloroform-d	4.339	84	107748	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.024	65	46888	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.043	84	233550	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.063	67	70951	4.878	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.307	98	214742	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.616	79	25398	4.529	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.085	63	86735	43.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.780%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	46307	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	77301	4.576	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3034	0.199	ug/L	94
3) Chloromethane	1.240	50	3753	0.268	ug/L	99
5) Vinyl chloride	1.307	62	3200	0.230	ug/L #	79
6) Bromomethane	1.519	94	1389	0.160	ug/L	86
8) Chloroethane	1.584	64	1848	0.223	ug/L	95
9) Trichlorofluoromethane	1.748	101	4114	0.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2952	0.271	ug/L #	76
12) 1,1-Dichloroethene	2.111	96	2677	0.255	ug/L #	1
14) Carbon disulfide	2.291	76	6430	0.210	ug/L	99
16) Methylene chloride	2.503	84	5022	0.312	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	5268	0.196	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	2623	0.217	ug/L	86
19) 1,1-Dichloroethane	3.185	63	4777	0.220	ug/L	96
21) 2-Butanone	4.021	43	4658m	1.943	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	2895m	0.210	ug/L	
23) Bromochloromethane	4.252	128	1090	0.197	ug/L	98
25) Chloroform	4.362	83	5691	0.251	ug/L	95
27) 1,2-Dichloroethane	5.137	62	2602	0.212	ug/L #	88
29) 1,1,1-Trichloroethane	4.600	97	4490	0.208	ug/L #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.674	56	3826	0.180	ug/L	93
31) Carbon tetrachloride	4.822	117	3700	0.203	ug/L	97
33) Benzene	5.095	78	11477	0.205	ug/L	100
34) Trichloroethene	5.908	95	2837	0.199	ug/L	94
35) Methylcyclohexane	6.127	83	4784	0.198	ug/L	93
37) 1,2-Dichloropropane	6.172	63	2946	0.223	ug/L #	85
38) Bromodichloromethane	6.503	83	3558	0.225	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	3801	0.197	ug/L	88
40) 4-Methyl-2-pentanone	7.227	43	10925	1.769	ug/L #	85
44) trans-1,3-Dichloropropene	7.651	75	3358m	0.220	ug/L	
45) 1,1,2-Trichloroethane	7.831	97	2021	0.226	ug/L	91
47) Tetrachloroethene	7.969	164	2068	0.177	ug/L	97
49) Dibromochloromethane	8.239	129	2199	0.219	ug/L	98
50) 1,2-Dibromoethane	8.346	107	1670	0.214	ug/L #	95
51) Chlorobenzene	8.876	112	7717	0.205	ug/L	96
52) Ethylbenzene	9.008	91	12619	0.201	ug/L	97
53) m,p-Xylene	9.133	106	4636	0.188	ug/L	93
54) o-Xylene	9.535	106	4782	0.197	ug/L	98
55) Styrene	9.558	104	7814	0.191	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.233	83	2085	0.226	ug/L	90
59) Bromoform	9.722	173	1160	0.228	ug/L #	90
60) Isopropylbenzene	9.924	105	12905	0.206	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	1370	0.204	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.529	105	10323	0.191	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	10493	0.193	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	6248	0.214	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.416	75	411	0.312	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.635	180	5214	0.217	ug/L	95
70) 1,2,4-trichlorobenzene	13.252	180	4046	0.208	ug/L	97
71) Naphthalene	13.496	128	3836	0.228	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	3412	0.215	ug/L	94

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

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