

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029931.D
 Acq On : 24 Jan 2023 18:27
 Operator : SY/MD
 Sample : 01225-17MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9G4MS

Quant Time: Jan 25 00:46:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	193492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	126642	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61534	4.193	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.564	69	59491	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	130353	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	3.912	46	131908	50.710	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.339	84	131059	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.024	65	54452	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.043	84	241550	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.063	67	79377	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.307	98	215018	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.616	79	24995	3.952	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.085	63	130257	50.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66642	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	86541	3.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	95903	5.325	ug/L	98
3) Chloromethane	1.240	50	114261	6.029	ug/L	99
5) Vinyl chloride	1.307	62	123124	6.625	ug/L	99
6) Bromomethane	1.519	94	48558	5.367	ug/L	100
8) Chloroethane	1.581	64	80454	7.135	ug/L	99
9) Trichlorofluoromethane	1.751	101	140779	5.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	87385	6.094	ug/L	95
12) 1,1-Dichloroethene	2.114	96	87719	5.309	ug/L	89
13) Acetone	2.198	43	92507	49.826	ug/L	95
14) Carbon disulfide	2.288	76	253592	5.331	ug/L	100
15) Methyl Acetate	2.442	43	24951	5.160	ug/L	92
16) Methylene chloride	2.500	84	93934	4.577	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	169892	5.947	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	88062	5.734	ug/L	91
19) 1,1-Dichloroethane	3.182	63	172371	6.709	ug/L	98
21) 2-Butanone	3.992	43	135931	51.106	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	92285	5.639	ug/L	93
23) Bromochloromethane	4.240	128	39695	5.873	ug/L #	83
25) Chloroform	4.368	83	164313	5.883	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	85873	6.329	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	138116	5.333	ug/L	95
30) Cyclohexane	4.667	56	134365	5.480	ug/L	95
31) Carbon tetrachloride	4.818	117	116266	5.159	ug/L	100
33) Benzene	5.092	78	380578	5.771	ug/L	100
34) Trichloroethene	5.905	95	90901	5.439	ug/L	94
35) Methylcyclohexane	6.124	83	142956	5.067	ug/L	96
37) 1,2-Dichloropropane	6.166	63	95368	6.175	ug/L	98
38) Bromodichloromethane	6.500	83	113622	5.688	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	108498	5.239	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	413170	62.690	ug/L	96
42) Toluene	7.378	91	404132	5.682	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	86884	5.206	ug/L	97
45) 1,1,2-Trichloroethane	7.831	97	61587	5.535	ug/L	96
47) Tetrachloroethene	7.966	164	74297	5.280	ug/L	99
48) 2-Hexanone	8.137	43	288475	61.238	ug/L	94
49) Dibromochloromethane	8.236	129	68365	5.235	ug/L	99
50) 1,2-Dibromoethane	8.342	107	54266	5.618	ug/L	99
51) Chlorobenzene	8.873	112	249376	5.522	ug/L	100
52) Ethylbenzene	9.001	91	402692	5.410	ug/L	100
53) m,p-Xylene	9.127	106	159365	5.409	ug/L	99
54) o-Xylene	9.532	106	153001	5.471	ug/L	99
55) Styrene	9.551	104	272436	5.665	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	75686	6.123	ug/L	99
59) Bromoform	9.722	173	34100	4.157	ug/L	98
60) Isopropylbenzene	9.921	105	399185	4.931	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	49275	5.255	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	326323	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	333321	4.818	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	205829	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	206016	5.027	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	188552	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9974	4.498	ug/L	94
69) 1,3,5-Trichlorobenzene	12.632	180	156919	4.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	124322	4.808	ug/L	99
71) Naphthalene	13.490	128	173843	5.190	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	112133	5.225	ug/L	100

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

