

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031318.D
 Acq On : 01 Jun 2023 15:13
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 02:05:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	139350	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	147217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	80791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146380	11.990	ug/L	0.00
7) Chloroethane-d5	1.532	69	123306	9.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	70847	11.380	ug/L	0.00
20) 2-Butanone-d5	3.831	46	378895m	99.118	ug/L	0.00
24) Chloroform-d	4.256	84	255226	9.402	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	135043	9.364	ug/L	0.00
32) Benzene-d6	4.966	84	486402	9.526	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	161736	9.047	ug/L	0.00
41) Toluene-d8	7.249	98	474619	10.308	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	61183	10.156	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	275587	99.671	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	124637	9.040	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	151025	9.308	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	180390	8.247	ug/L	97
3) Chloromethane	1.214	50	178837	8.572	ug/L	100
5) Vinyl chloride	1.281	62	183570	8.766	ug/L	97
6) Bromomethane	1.490	94	102196	8.737	ug/L	95
8) Chloroethane	1.551	64	109932	8.377	ug/L	100
9) Trichlorofluoromethane	1.715	101	268586	8.574	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	147207	8.392	ug/L	99
12) 1,1-Dichloroethene	2.069	96	126292	8.528	ug/L	88
13) Acetone	2.159	43	380768m	110.712	ug/L	
14) Carbon disulfide	2.243	76	390516	8.781	ug/L	100
15) Methyl Acetate	2.391	43	81200	13.048	ug/L #	90
16) Methylene chloride	2.449	84	138820	6.934	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	304736	9.491	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	120008	8.568	ug/L	98
19) 1,1-Dichloroethane	3.117	63	267111	8.613	ug/L	98
21) 2-Butanone	3.905	43	459085	104.976	ug/L	96
22) cis-1,2-Dichloroethene	3.821	96	127172	8.713	ug/L	99
23) Bromochloromethane	4.156	128	58087	8.845	ug/L	96
25) Chloroform	4.284	83	276529	8.491	ug/L	100
27) 1,2-Dichloroethane	5.050	62	165760	9.202	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	235507	8.282	ug/L	98
30) Cyclohexane	4.590	56	236404	8.941	ug/L	99
31) Carbon tetrachloride	4.741	117	209210	8.227	ug/L	100
33) Benzene	5.018	78	537950	8.699	ug/L	100
34) Trichloroethene	5.837	95	137847	8.129	ug/L	96
35) Methylcyclohexane	6.056	83	225178m	8.990	ug/L	
37) 1,2-Dichloropropane	6.101	63	150106	9.041	ug/L	98
38) Bromodichloromethane	6.439	83	191716	8.535	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	215178	9.507	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	1024898	102.884	ug/L	99
42) Toluene	7.320	91	586286	9.090	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	184610	9.827	ug/L	99

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

45) 1,1,2-Trichloroethane	7.776	97	103209	8.874	ug/L	99
47) Tetrachloroethene	7.911	164	107271	8.309	ug/L	97
48) 2-Hexanone	8.085	43	827887	109.515	ug/L	99
49) Dibromochloromethane	8.185	129	117258	8.906	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96577	8.653	ug/L	94
51) Chlorobenzene	8.821	112	345186	8.717	ug/L	99
52) Ethylbenzene	8.953	91	634104	9.366	ug/L	99
53) m,p-Xylene	9.079	106	231226	9.495	ug/L	98
54) o-Xylene	9.487	106	217928	9.513	ug/L	97
55) Styrene	9.503	104	398475	9.843	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	125889	9.078	ug/L	98
59) Bromoform	9.673	173	63157	8.461	ug/L	99
60) Isopropylbenzene	9.873	105	620558	9.374	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	93488	8.998	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	509371	9.464	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	535043	9.703	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	281789	8.811	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	284271	8.817	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	265247	8.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	20659	8.682	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	206514	8.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	165689	9.479	ug/L	99
71) Naphthalene	13.448	128	250264	10.208	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	151885	9.406	ug/L	98

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

