

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024766.D
 Acq On : 18 Feb 2022 20:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Feb 19 00:48:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	177421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56872	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.571	69	48875	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.114	63	110092	3.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.892	46	105881	49.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	4.352	84	100529	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.034	65	45299	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.053	84	204066	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	62401	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.313	98	181030	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	20811	4.552	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	85182	47.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37350	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58043	4.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86021	4.972	ug/L	99
3) Chloromethane	1.243	50	84851	4.910	ug/L	99
5) Vinyl chloride	1.314	62	91645	4.831	ug/L	98
6) Bromomethane	1.526	94	53823	4.750	ug/L	100
8) Chloroethane	1.587	64	55603	4.758	ug/L	97
9) Trichlorofluoromethane	1.757	101	121285	4.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	69747	4.823	ug/L	100
12) 1,1-Dichloroethene	2.121	96	66015	4.778	ug/L	96
13) Acetone	2.182	43	75528	49.825	ug/L	97
14) Carbon disulfide	2.298	76	188203	4.853	ug/L	99
15) Methyl Acetate	2.439	43	20765	5.232	ug/L	96
16) Methylene chloride	2.510	84	73453	5.399	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	137682	5.069	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	67429	4.997	ug/L	99
19) 1,1-Dichloroethane	3.191	63	124594	5.042	ug/L	100
21) 2-Butanone	3.973	43	124178	53.011	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	72288	5.068	ug/L	96
23) Bromochloromethane	4.252	128	27717	5.027	ug/L	93
25) Chloroform	4.378	83	127894	4.955	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	68972	5.006	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	110438	5.091	ug/L	98
30) Cyclohexane	4.677	56	111277	5.057	ug/L	98
31) Carbon tetrachloride	4.828	117	91433	5.013	ug/L	99
33) Benzene	5.101	78	281291	5.140	ug/L	100
34) Trichloroethene	5.915	95	76354	5.267	ug/L	98
35) Methylcyclohexane	6.130	83	122040	5.211	ug/L	98
37) 1,2-Dichloropropane	6.172	63	68027	5.261	ug/L	100
38) Bromodichloromethane	6.510	83	83355	5.122	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	93400	5.208	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	320988	52.189	ug/L	99
42) Toluene	7.387	91	301174	5.169	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	73537	5.132	ug/L	94
45) 1,1,2-Trichloroethane	7.838	97	43359	5.155	ug/L	98
47) Tetrachloroethene	7.976	164	49708	5.035	ug/L	98
48) 2-Hexanone	8.137	43	221220	51.157	ug/L	97
49) Dibromochloromethane	8.246	129	46651	4.998	ug/L	99
50) 1,2-Dibromoethane	8.352	107	39888	5.197	ug/L	98
51) Chlorobenzene	8.879	112	184343	5.057	ug/L	100
52) Ethylbenzene	9.011	91	327146	5.145	ug/L	99
53) m,p-xylene	9.136	106	122093	5.079	ug/L	98
54) o-xylene	9.542	106	120645	5.136	ug/L	99
55) Styrene	9.558	104	198368	5.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	43406	4.879	ug/L	94
59) Bromoform	9.731	173	19118	4.855	ug/L #	97
60) Isopropylbenzene	9.931	105	326030	5.067	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34120	4.840	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	272873	5.088	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	274539	5.157	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	136451	5.029	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135775	5.010	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	120699	5.043	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5986	4.967	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	94161	4.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76030	5.016	ug/L	99
71) Naphthalene	13.500	128	128740	4.994	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63529	5.007	ug/L	99

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

