

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026175.D
 Acq On : 12 Jun 2022 20:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Jun 13 02:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:42:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	181217	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	169330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	117266	4.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.580	69	91476	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.124	63	182185	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.912	46	98097	55.485	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	4.362	84	169156	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.040	65	70364	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.059	84	350353	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.075	67	101725	5.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.317	98	326382	5.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.625	79	32276	5.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.091	63	108819	60.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	59269	5.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	97218	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	76018	4.564	ug/L	97
3) Chloromethane	1.256	50	82324	4.553	ug/L	98
5) Vinyl chloride	1.326	62	86327	4.559	ug/L	100
6) Bromomethane	1.535	94	50898	4.600	ug/L	99
8) Chloroethane	1.600	64	53415	4.522	ug/L	99
9) Trichlorofluoromethane	1.767	101	113155	4.437	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	64486	4.450	ug/L	97
12) 1,1-Dichloroethene	2.133	96	63554	4.586	ug/L	90
13) Acetone	2.204	43	41188	40.803	ug/L	97
14) Carbon disulfide	2.310	76	161512	4.590	ug/L	100
15) Methyl Acetate	2.455	43	14777	5.013	ug/L	95
16) Methylene chloride	2.523	84	63652	4.457	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	111799	4.962	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	61361	4.619	ug/L	98
19) 1,1-Dichloroethane	3.204	63	118703	4.656	ug/L	99
21) 2-Butanone	4.002	43	65755	47.855	ug/L	78
22) cis-1,2-Dichloroethene	3.928	96	66719	4.992	ug/L	95
23) Bromochloromethane	4.262	128	25319	4.537	ug/L	98
25) Chloroform	4.387	83	123677	4.641	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	57255	4.623	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	104467	4.705	ug/L	99
30) Cyclohexane	4.690	56	83584	4.916	ug/L	97
31) Carbon tetrachloride	4.838	117	85223	4.749	ug/L	98
33) Benzene	5.108	78	257181	5.022	ug/L	100
34) Trichloroethene	5.921	95	66287	4.793	ug/L	98
35) Methylcyclohexane	6.136	83	88211	4.717	ug/L	99
37) 1,2-Dichloropropane	6.178	63	63818	4.810	ug/L	99
38) Bromodichloromethane	6.516	83	76928	4.868	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	78153	5.280	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	261797	55.144	ug/L	99
42) Toluene	7.390	91	275823	5.087	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	62962	5.408	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	40912	4.899	ug/L	95
47) Tetrachloroethene	7.979	164	46433	4.675	ug/L	99
48) 2-Hexanone	8.143	43	191581	56.826	ug/L	98
49) Dibromochloromethane	8.249	129	45688	5.013	ug/L	93
50) 1,2-Dibromoethane	8.355	107	36256	5.075	ug/L	99
51) Chlorobenzene	8.882	112	168432	4.831	ug/L	97
52) Ethylbenzene	9.011	91	268335	4.988	ug/L	99
53) m,p-Xylene	9.140	106	103708	5.036	ug/L	96
54) o-Xylene	9.545	106	100030	5.024	ug/L	99
55) Styrene	9.561	104	172515	5.255	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	42537	5.025	ug/L	98
59) Bromoform	9.731	173	19646	5.027	ug/L	99
60) Isopropylbenzene	9.931	105	265617	4.991	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	30691	4.917	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	200748	4.784	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	205585	4.978	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	125540	4.948	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	124719	4.955	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111320	4.894	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5484	5.006	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	86029	4.824	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	62760	4.889	ug/L	99
71) Naphthalene	13.500	128	92718	5.167	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	53498	5.048	ug/L	95

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

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