

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027456.D
 Acq On : 22 Aug 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Quant Time: Aug 23 03:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	136237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39785	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.564	69	38548	5.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.108	63	99086	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.892	46	45061	37.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.680%
24) Chloroform-d	4.346	84	84618	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.031	65	35205	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.047	84	154400	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	42584	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.313	98	147182	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.622	79	16242	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.092	63	48789	40.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29249	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	42517	4.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	74338	5.142	ug/L	100
3) Chloromethane	1.240	50	59383	4.704	ug/L	100
5) Vinyl chloride	1.310	62	59966	4.719	ug/L	99
6) Bromomethane	1.519	94	38230	6.084	ug/L	100
8) Chloroethane	1.584	64	47118	6.345	ug/L	99
9) Trichlorofluoromethane	1.751	101	106056	5.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60592	5.317	ug/L	98
12) 1,1-Dichloroethene	2.114	96	52618	5.104	ug/L	95
13) Acetone	2.172	43	46458	40.315	ug/L	98
14) Carbon disulfide	2.291	76	140070	4.951	ug/L	100
15) Methyl Acetate	2.433	43	13677	4.286	ug/L #	88
16) Methylene chloride	2.503	84	55459	3.569	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	100218	4.699	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	53338	5.023	ug/L	98
19) 1,1-Dichloroethane	3.185	63	107697	4.899	ug/L	99
21) 2-Butanone	3.976	43	65744	42.869	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	55057	4.865	ug/L	96
23) Bromochloromethane	4.243	128	24387	4.886	ug/L	96
25) Chloroform	4.371	83	118730	4.967	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60808	5.006	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	105516	5.225	ug/L	100
30) Cyclohexane	4.674	56	77269	4.985	ug/L	97
31) Carbon tetrachloride	4.822	117	95572	5.442	ug/L	98
33) Benzene	5.095	78	229807	5.254	ug/L	100
34) Trichloroethene	5.912	95	58258	5.061	ug/L	98
35) Methylcyclohexane	6.127	83	79519	4.912	ug/L	98
37) 1,2-Dichloropropane	6.172	63	59233	5.079	ug/L	100
38) Bromodichloromethane	6.506	83	81493	5.512	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	72358	5.146	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	261384	50.166	ug/L	97
42) Toluene	7.384	91	242661	5.375	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	63294	5.325	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	38156	5.118	ug/L	97
47) Tetrachloroethene	7.973	164	43897	4.895	ug/L	97
48) 2-Hexanone	8.140	43	181922	48.455	ug/L	96
49) Dibromochloromethane	8.243	129	50858	5.547	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33303	5.118	ug/L	99
51) Chlorobenzene	8.879	112	144479	4.944	ug/L	97
52) Ethylbenzene	9.011	91	233987	5.077	ug/L	99
53) m,p-Xylene	9.137	106	90006	5.104	ug/L	100
54) o-Xylene	9.542	106	86987	5.085	ug/L	100
55) Styrene	9.558	104	155774	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43287	5.155	ug/L	97
59) Bromoform	9.728	173	26464	5.584	ug/L	99
60) Isopropylbenzene	9.931	105	237417	5.102	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30936	4.987	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	62169	4.818	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	175965	4.841	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	116371	5.076	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	114214	4.997	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	104386	5.022	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6725	4.879	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	87204	5.096	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62025	4.988	ug/L	98
71) Naphthalene	13.500	128	78103	4.550	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55425	5.018	ug/L	99

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

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