

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025073.D
 Acq On : 17 Mar 2022 11:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Mar 18 02:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	152395	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61130	5.081	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.568	69	46349	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.108	63	102191	5.255	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.912	46	75559	51.965	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.940%		
24) Chloroform-d	4.346	84	98947	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.031	65	41119	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.600%		
32) Benzene-d6	5.047	84	204055	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.000%		
36) 1,2-Dichloropropane-d6	6.066	67	58122	4.898	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.000%		
41) Toluene-d8	7.310	98	187361	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.600%		
43) trans-1,3-Dichloroprop...	7.622	79	19063	4.609	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.200%		
46) 2-Hexanone-d5	8.088	63	68521	48.566	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.140%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34859	4.994	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	57261	4.887	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 97.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	72980	5.420	ug/L	100
3) Chloromethane	1.240	50	64128	5.050	ug/L	98
5) Vinyl chloride	1.310	62	70677	5.275	ug/L	100
6) Bromomethane	1.523	94	45720	5.280	ug/L	99
8) Chloroethane	1.584	64	43261	5.325	ug/L	99
9) Trichlorofluoromethane	1.751	101	100895	5.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55457	5.612	ug/L	99
12) 1,1-Dichloroethene	2.118	96	53040	5.463	ug/L	99
13) Acetone	2.208	43	46000	47.303	ug/L	87
14) Carbon disulfide	2.291	76	179828	5.177	ug/L	98
15) Methyl Acetate	2.442	43	15599	5.855	ug/L	89
16) Methylene chloride	2.507	84	65045	5.529	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	114893	5.433	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	63415	5.428	ug/L	97
19) 1,1-Dichloroethane	3.188	63	110380	5.551	ug/L	98
21) 2-Butanone	3.998	43	89465	58.290	ug/L #	76
22) cis-1,2-Dichloroethene	3.908	96	65937	5.590	ug/L	99
23) Bromochloromethane	4.246	128	26863	5.776	ug/L	98
25) Chloroform	4.371	83	115817	5.594	ug/L	99

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27) 1,2-Dichloroethane	5.130	62	56315	5.470	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98465	5.428	ug/L	98
30) Cyclohexane	4.674	56	93413	5.293	ug/L	98
31) Carbon tetrachloride	4.825	117	85667	5.505	ug/L	100
33) Benzene	5.095	78	252696	5.462	ug/L	100
34) Trichloroethene	5.912	95	67559	5.484	ug/L	99
35) Methylcyclohexane	6.127	83	106861	5.480	ug/L	99
37) 1,2-Dichloropropane	6.172	63	61695	5.803	ug/L	99
38) Bromodichloromethane	6.506	83	74018	5.505	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	80039	5.422	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	246707	56.393	ug/L	98
42) Toluene	7.384	91	270786	5.593	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	62705	5.398	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	40285	5.673	ug/L	98
47) Tetrachloroethene	7.973	164	47426	5.473	ug/L	99
48) 2-Hexanone	8.140	43	169148	54.537	ug/L	97
49) Dibromochloromethane	8.243	129	44014	5.537	ug/L	97
50) 1,2-Dibromoethane	8.349	107	37029	5.698	ug/L	100
51) Chlorobenzene	8.879	112	168240	5.549	ug/L	98
52) Ethylbenzene	9.011	91	286908	5.602	ug/L	99
53) m,p-xylene	9.136	106	111265	5.641	ug/L	97
54) o-xylene	9.542	106	104606	5.546	ug/L	95
55) Styrene	9.558	104	179657	5.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	39430	5.664	ug/L	96
59) Bromoform	9.728	173	19486	5.227	ug/L	99
60) Isopropylbenzene	9.927	105	285928	5.478	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31689	5.444	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	126034	5.321	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	235943	5.625	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	127028	5.610	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	125918	5.517	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	110371	5.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4954	4.965	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	89333	5.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68452	5.493	ug/L	98
71) Naphthalene	13.500	128	110507	5.341	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	58690	5.558	ug/L	98

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

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