

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026821.D
 Acq On : 19 Jul 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: Jul 20 05:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 19 03:06:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	245503	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	249826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	135367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117760	5.258	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.564	69	103097	5.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2	2.105	63	216884	5.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	3.886	46	144430	41.318	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 82.640%		
24) Chloroform-d	4.339	84	214668	5.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4	5.027	65	91580	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.000%		
32) Benzene-d6	5.043	84	416374	5.485	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
36) 1,2-Dichloropropane-d6	6.066	67	120920	5.313	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.200%		
41) Toluene-d8	7.310	98	389188	5.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.600%		
43) trans-1,3-Dichloroprop...	7.619	79	39813	5.346	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.000%		
46) 2-Hexanone-d5	8.088	63	160925	49.912	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.820%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	90861	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	120430	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	151987	4.870	ug/L	99
3) Chloromethane	1.236	50	136098	4.544	ug/L	99
5) Vinyl chloride	1.307	62	142423	4.670	ug/L	98
6) Bromomethane	1.516	94	82679	4.530	ug/L	97
8) Chloroethane	1.580	64	88541	4.928	ug/L	97
9) Trichlorofluoromethane	1.748	101	195242	5.038	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	113405	5.108	ug/L	100
12) 1,1-Dichloroethene	2.114	96	106949	4.968	ug/L	95
13) Acetone	2.175	43	94406	32.099	ug/L #	27
14) Carbon disulfide	2.288	76	307273	4.845	ug/L	99
15) Methyl Acetate	2.433	43	35475	5.964	ug/L	95
16) Methylene chloride	2.500	84	118800	4.633	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	187777	5.063	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	106888	5.403	ug/L	91
19) 1,1-Dichloroethane	3.182	63	196144	5.429	ug/L	99
21) 2-Butanone	3.973	43	148877	43.405	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	103966	5.210	ug/L	98
23) Bromochloromethane	4.240	128	50018	5.441	ug/L	97
25) Chloroform	4.368	83	206270	5.451	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	104480	5.124	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	176398	5.240	ug/L	98
30) Cyclohexane	4.670	56	136098	4.744	ug/L	99
31) Carbon tetrachloride	4.822	117	155070	5.216	ug/L	98
33) Benzene	5.092	78	434438	5.202	ug/L	100
34) Trichloroethene	5.908	95	103686	5.051	ug/L	99
35) Methylcyclohexane	6.127	83	151957	4.850	ug/L	98
37) 1,2-Dichloropropane	6.169	63	108784	5.447	ug/L	99
38) Bromodichloromethane	6.506	83	138532	5.321	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	126204	5.085	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	488480	52.949	ug/L	99
42) Toluene	7.384	91	458036	5.430	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	110088	5.402	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	78448	5.373	ug/L	98
47) Tetrachloroethene	7.973	164	86867	5.395	ug/L	96
48) 2-Hexanone	8.136	43	368814	55.237	ug/L	99
49) Dibromochloromethane	8.243	129	89731	5.333	ug/L	99
50) 1,2-Dibromoethane	8.349	107	69891	5.410	ug/L	97
51) Chlorobenzene	8.879	112	281674	5.281	ug/L	99
52) Ethylbenzene	9.008	91	424835	5.089	ug/L	100
53) m,p-Xylene	9.136	106	169108	5.209	ug/L	99
54) o-Xylene	9.542	106	158372	5.134	ug/L	97
55) Styrene	9.558	104	290357	5.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	91182	5.276	ug/L	98
59) Bromoform	9.728	173	43190	4.973	ug/L	94
60) Isopropylbenzene	9.931	105	419769	4.972	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	61536	4.929	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	314856	4.687	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	331013	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	215275	5.204	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	214434	5.098	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	197629	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12277	4.639	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	144878	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105579	4.748	ug/L	99
71) Naphthalene	13.500	128	151931	4.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	94788	4.581	ug/L	97

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

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