

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025148.D
 Acq On : 24 Mar 2022 13:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Mar 25 02:55:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	184253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81299	5.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.800%
7) Chloroethane-d5	1.568	69	63144	5.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.600%
11) 1,1-Dichloroethene-d2	2.111	63	129973	5.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	3.892	46	116170	66.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.160%#
24) Chloroform-d	4.346	84	139184	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.031	65	57492	5.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.047	84	292502	5.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
36) 1,2-Dichloropropane-d6	6.066	67	81642	5.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.313	98	269804	5.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
43) trans-1,3-Dichloroprop...	7.619	79	28021	5.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.085	63	101981	59.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50776	6.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	86296	5.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	73914	4.540	ug/L	99
3) Chloromethane	1.243	50	66881	4.356	ug/L	98
5) Vinyl chloride	1.310	62	76314	4.711	ug/L	99
6) Bromomethane	1.523	94	47397	4.527	ug/L	100
8) Chloroethane	1.587	64	48630	4.951	ug/L	98
9) Trichlorofluoromethane	1.754	101	111643	5.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63877	5.347	ug/L	96
12) 1,1-Dichloroethene	2.121	96	61744	5.260	ug/L	95
13) Acetone	2.188	43	71780	61.051	ug/L	79
14) Carbon disulfide	2.294	76	183440	4.368	ug/L	99
15) Methyl Acetate	2.439	43	19333	6.002	ug/L	96
16) Methylene chloride	2.507	84	74679	5.251	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	135325	5.293	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	71012	5.027	ug/L	100
19) 1,1-Dichloroethane	3.188	63	121643	5.060	ug/L	97
21) 2-Butanone	3.979	43	113148	60.974	ug/L	78
22) cis-1,2-Dichloroethene	3.908	96	76706	5.379	ug/L	98
23) Bromochloromethane	4.246	128	31185	5.546	ug/L	95
25) Chloroform	4.371	83	130076	5.196	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	64514	5.183	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	113186	5.148	ug/L	98
30) Cyclohexane	4.677	56	100477	4.697	ug/L	97
31) Carbon tetrachloride	4.825	117	97803	5.185	ug/L	99
33) Benzene	5.095	78	285507	5.091	ug/L	100
34) Trichloroethene	5.912	95	76396	5.117	ug/L	97
35) Methylcyclohexane	6.127	83	117360	4.965	ug/L	99
37) 1,2-Dichloropropane	6.169	63	66821	5.185	ug/L	100
38) Bromodichloromethane	6.506	83	85899	5.271	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	90715	5.070	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	275074	51.874	ug/L	97
42) Toluene	7.384	91	311171	5.302	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	70576	5.013	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	46935	5.453	ug/L	98
47) Tetrachloroethene	7.973	164	55060	5.242	ug/L	97
48) 2-Hexanone	8.137	43	196602	52.297	ug/L	95
49) Dibromochloromethane	8.243	129	52144	5.412	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42754	5.428	ug/L	98
51) Chlorobenzene	8.879	112	196053	5.335	ug/L	99
52) Ethylbenzene	9.011	91	331425	5.338	ug/L	99
53) m,p-Xylene	9.136	106	129843	5.431	ug/L	95
54) o-Xylene	9.542	106	124912	5.464	ug/L	99
55) Styrene	9.558	104	211850	5.690	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48746	5.777	ug/L	94
59) Bromoform	9.728	173	22630	4.863	ug/L	99
60) Isopropylbenzene	9.927	105	335031	5.142	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36020	4.957	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	151133	5.112	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	277246	5.295	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	150876	5.338	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150660	5.288	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	134184	5.358	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	6049	4.856	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	112210	5.620	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	87483	5.624	ug/L	99
71) Naphthalene	13.500	128	139933	5.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73675	5.590	ug/L	97

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

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