

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028676.D
 Acq On : 21 Oct 2022 21:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Oct 21 23:06:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	174922	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	163655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	79758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97728	5.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 112.800%	
7) Chloroethane-d5	1.564	69	80640	5.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 118.400%	
11) 1,1-Dichloroethene-d2	2.105	63	181730	6.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 120.800%	
20) 2-Butanone-d5	3.899	46	162382	49.818	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	= 99.640%	
24) Chloroform-d	4.342	84	138113	5.376	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
26) 1,2-Dichloroethane-d4	5.030	65	66079	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.000%	
32) Benzene-d6	5.043	84	280876	3.945	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	= 78.800%	
36) 1,2-Dichloropropane-d6	6.066	67	87510	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 78.400%	
41) Toluene-d8	7.310	98	245162	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
43) trans-1,3-Dichloroprop...	7.619	79	23753	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 87.600%	
46) 2-Hexanone-d5	8.088	63	127033	56.446	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.900%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56222	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 106.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	74549	5.200	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	50258	5.915	ug/L	97
3) Chloromethane	1.240	50	87481	5.153	ug/L	98
5) Vinyl chloride	1.307	62	88234	5.382	ug/L	94
6) Bromomethane	1.519	94	43316	5.439	ug/L	98
8) Chloroethane	1.584	64	61397	5.566	ug/L	97
9) Trichlorofluoromethane	1.751	101	123109	6.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	71438	5.949	ug/L	97
12) 1,1-Dichloroethene	2.114	96	67015	5.934	ug/L	87
13) Acetone	2.185	43	100367	48.034	ug/L	97
14) Carbon disulfide	2.288	76	122213	4.517	ug/L	99
15) Methyl Acetate	2.436	43	20626	3.318	ug/L #	81
16) Methylene chloride	2.503	84	74269	4.565	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	147989	4.794	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	60695	4.934	ug/L	92
19) 1,1-Dichloroethane	3.185	63	140552	4.894	ug/L	99
21) 2-Butanone	3.986	43	155100	42.002	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	71165	5.031	ug/L #	95
23) Bromochloromethane	4.243	128	27161	5.248	ug/L	93
25) Chloroform	4.368	83	134848	4.949	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	76128	4.466	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	100411	3.561	ug/L	98
30) Cyclohexane	4.670	56	109919	3.558	ug/L	97
31) Carbon tetrachloride	4.825	117	78378	3.764	ug/L	99
33) Benzene	5.095	78	287624	3.746	ug/L	100
34) Trichloroethene	5.911	95	67424	3.805	ug/L	92
35) Methylcyclohexane	6.127	83	104204	3.747	ug/L	96
37) 1,2-Dichloropropane	6.169	63	75717	3.685	ug/L	100
38) Bromodichloromethane	6.506	83	81786	4.144	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	86061	4.044	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	451479	45.371	ug/L	99
42) Toluene	7.384	91	291114	4.579	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	64619	4.296	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	46649	4.816	ug/L	98
47) Tetrachloroethene	7.969	164	45492	4.754	ug/L	97
48) 2-Hexanone	8.140	43	310661	49.841	ug/L	99
49) Dibromochloromethane	8.239	129	42998	4.790	ug/L	88
50) 1,2-Dibromoethane	8.345	107	40329	4.863	ug/L	97
51) Chlorobenzene	8.876	112	184257	4.957	ug/L	100
52) Ethylbenzene	9.005	91	321708	4.894	ug/L	97
53) m,p-Xylene	9.133	106	114729	4.777	ug/L	98
54) o-Xylene	9.535	106	116408	4.887	ug/L	96
55) Styrene	9.554	104	196496	4.839	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	57092	5.006	ug/L	96
59) Bromoform	9.725	173	18576	4.717	ug/L	96
60) Isopropylbenzene	9.924	105	321137	4.818	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	39853	4.611	ug/L	94
62) 1,3,5-Trimethylbenzene	10.532	105	88017	4.597	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	253676	4.920	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	132912	5.038	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	129597	4.864	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	121877	4.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6755	4.458	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	95756	5.095	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	73276	4.949	ug/L	99
71) Naphthalene	13.493	128	109190	4.361	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	63226	4.887	ug/L	97

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

