

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VV022854.D
 Acq On : 15 Oct 2021 22:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Oct 16 05:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120628	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37980	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	35466	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.108	63	74858	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.896	46	98827	45.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	4.349	84	98511	5.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	5.034	65	43673	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.053	84	185495	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.072	67	57422	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	174892	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	7.625	79	18907	5.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.091	63	98936	68.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.560%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45216	6.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	11.625	152	68825	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44792	5.095	ug/L	100
3) Chloromethane	1.240	50	50036	5.663	ug/L	98
5) Vinyl chloride	1.310	62	50816	5.566	ug/L	97
6) Bromomethane	1.519	94	28523	5.012	ug/L	99
8) Chloroethane	1.584	64	29217	5.173	ug/L	96
9) Trichlorofluoromethane	1.751	101	67709	5.063	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	40308	5.182	ug/L	97
12) 1,1-Dichloroethene	2.117	96	37645	5.167	ug/L	86
13) Acetone	2.182	43	47362	39.031	ug/L #	47
14) Carbon disulfide	2.294	76	118370	5.780	ug/L	99
15) Methyl Acetate	2.439	43	15050	4.335	ug/L	97
16) Methylene chloride	2.507	84	50986	5.084	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	89050	5.051	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	45639	5.759	ug/L	94
19) 1,1-Dichloroethane	3.191	63	80516	5.642	ug/L	96
21) 2-Butanone	3.982	43	79977	40.253	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	44929	5.400	ug/L	93
23) Bromochloromethane	4.252	128	22049	5.965	ug/L	95
25) Chloroform	4.378	83	84199	5.089	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44402	5.377	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	72289	5.149	ug/L	99
30) Cyclohexane	4.680	56	61693	4.762	ug/L	98
31) Carbon tetrachloride	4.828	117	63999	5.252	ug/L	97
33) Benzene	5.101	78	176233	5.322	ug/L	100
34) Trichloroethene	5.915	95	45640	5.069	ug/L	98
35) Methylcyclohexane	6.133	83	66366	5.261	ug/L	95
37) 1,2-Dichloropropane	6.175	63	42855	5.381	ug/L	100
38) Bromodichloromethane	6.513	83	55924	5.699	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	56509	5.360	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	239962	56.078	ug/L	97
42) Toluene	7.391	91	193008	5.742	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	48698	5.666	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	32325	5.470	ug/L	98
47) Tetrachloroethene	7.976	164	38673	5.310	ug/L	98
48) 2-Hexanone	8.143	43	177919	56.866	ug/L	98
49) Dibromochloromethane	8.246	129	39265	5.676	ug/L	92
50) 1,2-Dibromoethane	8.355	107	30768	5.576	ug/L	93
51) Chlorobenzene	8.882	112	122534	5.548	ug/L	99
52) Ethylbenzene	9.014	91	192970	5.654	ug/L	97
53) m,p-xylene	9.140	106	77139	5.759	ug/L	97
54) o-xylene	9.545	106	72778	5.776	ug/L	98
55) Styrene	9.561	104	131156	6.041	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	37246	6.230	ug/L	100
59) Bromoform	9.735	173	21625	5.489	ug/L	99
60) Isopropylbenzene	9.934	105	195553	5.474	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26617	5.447	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	155604	5.391	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	159257	5.514	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	104635	5.581	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	106879	5.614	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	96621	5.494	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5578	6.272	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	79483	5.628	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	63448	5.880	ug/L	100
71) Naphthalene	13.503	128	100137	5.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59678	5.866	ug/L	100

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

