

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027935.D
 Acq On : 19 Sep 2022 18:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: Sep 20 01:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	129429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51220	5.068	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.564	69	45649	5.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.600%		
11) 1,1-Dichloroethene-d2	2.105	63	84245	5.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	3.886	46	92403	57.222	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.440%		
24) Chloroform-d	4.346	84	89656	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
26) 1,2-Dichloroethane-d4	5.027	65	38797	5.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.800%		
32) Benzene-d6	5.047	84	171509	5.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
36) 1,2-Dichloropropane-d6	6.066	67	54361	5.190	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.800%		
41) Toluene-d8	7.313	98	155552	5.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.600%		
43) trans-1,3-Dichloroprop...	7.619	79	18427	5.312	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.200%		
46) 2-Hexanone-d5	8.085	63	89720	58.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.160%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44508	5.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	59422	5.050	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	48520	5.104	ug/L	99
3) Chloromethane	1.236	50	47466	4.245	ug/L	98
5) Vinyl chloride	1.307	62	54244	4.893	ug/L	100
6) Bromomethane	1.516	94	35651	4.657	ug/L	93
8) Chloroethane	1.581	64	36357	4.850	ug/L	100
9) Trichlorofluoromethane	1.748	101	80433	4.801	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	50194	4.785	ug/L	99
12) 1,1-Dichloroethene	2.114	96	44889	4.785	ug/L	91
13) Acetone	2.175	43	54690	42.640	ug/L	99
14) Carbon disulfide	2.288	76	90372	4.864	ug/L	99
15) Methyl Acetate	2.433	43	14601	5.359	ug/L	96
16) Methylene chloride	2.500	84	52411	5.108	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	88344	5.327	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	43754	5.080	ug/L	92
19) 1,1-Dichloroethane	3.185	63	82416	5.026	ug/L	94
21) 2-Butanone	3.970	43	83618	54.226	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	49419	5.125	ug/L	97
23) Bromochloromethane	4.243	128	21968	5.045	ug/L	97
25) Chloroform	4.368	83	88326	4.893	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	42275	5.001	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	73253	4.957	ug/L	99
30) Cyclohexane	4.674	56	53956	5.062	ug/L	99
31) Carbon tetrachloride	4.822	117	66593	5.039	ug/L	99
33) Benzene	5.095	78	181536	5.016	ug/L	100
34) Trichloroethene	5.908	95	46362	5.101	ug/L	97
35) Methylcyclohexane	6.127	83	64229	4.991	ug/L	100
37) 1,2-Dichloropropane	6.169	63	48231	4.961	ug/L	99
38) Bromodichloromethane	6.506	83	62761	5.024	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	61762	5.002	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	213520	53.572	ug/L	98
42) Toluene	7.384	91	197615	5.084	ug/L	94
44) trans-1,3-Dichloropropene	7.648	75	52703	5.200	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	34921	4.922	ug/L	97
47) Tetrachloroethene	7.973	164	39397	4.865	ug/L	95
48) 2-Hexanone	8.137	43	153260	54.144	ug/L	100
49) Dibromochloromethane	8.243	129	43208	4.984	ug/L	97
50) 1,2-Dibromoethane	8.352	107	30536	4.839	ug/L	90
51) Chlorobenzene	8.879	112	135826	5.020	ug/L	98
52) Ethylbenzene	9.011	91	204999	5.072	ug/L	99
53) m,p-Xylene	9.137	106	81206	5.159	ug/L	94
54) o-Xylene	9.542	106	81139	5.174	ug/L	100
55) Styrene	9.558	104	141420	5.206	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42236	4.717	ug/L	98
59) Bromoform	9.728	173	23291	4.680	ug/L	99
60) Isopropylbenzene	9.931	105	214231	5.098	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	28180	5.089	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	54829	4.819	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	162394	4.917	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	114353	4.993	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	112609	4.871	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	101997	4.836	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5861	4.668	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.644	180	87936	4.813	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	69499	4.774	ug/L	98
71) Naphthalene	13.500	128	102906	4.828	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	63737	4.901	ug/L	97

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

