

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027900.D
 Acq On : 17 Sep 2022 14:41
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005236

Quant Time: Sep 19 02:18:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:17:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198151	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81136	5.130	ug/L	0.00
7) Chloroethane-d5	1.568	69	55435	4.958	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	122937	4.940	ug/L	0.00
20) 2-Butanone-d5	3.889	46	134194	53.499	ug/L	0.00
24) Chloroform-d	4.346	84	150103	5.148	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	76616	5.240	ug/L	0.00
32) Benzene-d6	5.047	84	279552	5.162	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	71884	5.080	ug/L	0.00
41) Toluene-d8	7.313	98	267351	5.333	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	32647	5.390	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	107956	53.743	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51143	5.225	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	97403	5.085	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	85217	5.359	ug/L	98
3) Chloromethane	1.240	50	63346	5.038	ug/L	97
5) Vinyl chloride	1.310	62	75780	5.328	ug/L	100
6) Bromomethane	1.523	94	38893	5.075	ug/L	94
8) Chloroethane	1.584	64	38969	4.804	ug/L	96
9) Trichlorofluoromethane	1.751	101	128309	5.420	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	58428	5.136	ug/L	91
12) 1,1-Dichloroethene	2.117	96	53785	4.953	ug/L	91
13) Acetone	2.182	43	82530	49.379	ug/L	92
14) Carbon disulfide	2.291	76	141862	5.413	ug/L	99
15) Methyl Acetate	2.439	43	20070	5.379	ug/L #	86
16) Methylene chloride	2.503	84	73505	5.233	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	149960	5.363	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	64865	5.301	ug/L	89
19) 1,1-Dichloroethane	3.185	63	121913	5.322	ug/L	99
21) 2-Butanone	3.976	43	116643	51.909	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	71876	5.220	ug/L #	86
23) Bromochloromethane	4.243	128	32191	5.117	ug/L #	80
25) Chloroform	4.371	83	144749	5.268	ug/L	97
27) 1,2-Dichloroethane	5.127	62	84607	5.444	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	136051	5.300	ug/L	97
30) Cyclohexane	4.674	56	84649	5.376	ug/L	92
31) Carbon tetrachloride	4.825	117	122055	5.366	ug/L	99
33) Benzene	5.095	78	273707	5.347	ug/L	100
34) Trichloroethene	5.911	95	72755	5.261	ug/L	92
35) Methylcyclohexane	6.127	83	102207	5.337	ug/L	92
37) 1,2-Dichloropropane	6.172	63	62884	5.455	ug/L #	97
38) Bromodichloromethane	6.506	83	95700	5.320	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	91776	5.291	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	309415	55.239	ug/L #	93
42) Toluene	7.384	91	306503	5.453	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	82397	5.376	ug/L	100

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45) 1,1,2-Trichloroethane	7.837	97	47953	5.356	ug/L	97
47) Tetrachloroethene	7.972	164	62712	5.428	ug/L	97
48) 2-Hexanone	8.136	43	225901	56.200	ug/L #	93
49) Dibromochloromethane	8.243	129	62728	5.341	ug/L	99
50) 1,2-Dibromoethane	8.352	107	42807	5.332	ug/L	99
51) Chlorobenzene	8.879	112	200740	5.218	ug/L	98
52) Ethylbenzene	9.011	91	326669	5.340	ug/L	99
53) m,p-Xylene	9.136	106	130182	5.372	ug/L	97
54) o-Xylene	9.542	106	126345	5.366	ug/L	98
55) Styrene	9.558	104	222806	5.476	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	50038	5.445	ug/L #	97
59) Bromoform	9.728	173	33411	5.155	ug/L #	97
60) Isopropylbenzene	9.927	105	348013	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	39673	5.281	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	97965	5.238	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	277650	5.281	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	172544	5.321	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	173626	5.284	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	158907	5.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8591	5.361	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	137476	5.232	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	110432	5.338	ug/L	97
71) Naphthalene	13.500	128	141968	4.937	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	93055	5.284	ug/L	99

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

