

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029297.D
 Acq On : 23 Nov 2022 16:10
 Operator : SY/MD
 Sample : VSTD0.510
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5210

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 24 01:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	306269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	254078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	134637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8307	0.441	ug/L	0.00
7) Chloroethane-d5	1.564	69	5930	0.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	13473	0.447	ug/L	0.00
20) 2-Butanone-d5	3.947	46	12606m	4.007	ug/L	0.04
24) Chloroform-d	4.346	84	14515	0.431	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6078	0.411	ug/L	0.02
32) Benzene-d6	5.050	84	31236	0.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	8988	0.456	ug/L	0.00
41) Toluene-d8	7.310	98	28939	0.437	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	3224	0.424	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	12000m	4.425	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	5215	0.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	10605	0.451	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	12273	0.537	ug/L	98
3) Chloromethane	1.240	50	12517	0.598	ug/L	93
5) Vinyl chloride	1.307	62	10997	0.527	ug/L	99
6) Bromomethane	1.519	94	6797	0.522	ug/L	95
8) Chloroethane	1.580	64	6879	0.555	ug/L	95
9) Trichlorofluoromethane	1.751	101	15194	0.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8758	0.538	ug/L	98
12) 1,1-Dichloroethene	2.114	96	8056	0.512	ug/L	93
13) Acetone	2.204	43	15230m	6.647	ug/L	
14) Carbon disulfide	2.288	76	24466	0.535	ug/L	99
15) Methyl Acetate	2.442	43	4014	0.603	ug/L #	79
16) Methylene chloride	2.500	84	20162	0.838	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	21942	0.545	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	9441	0.522	ug/L	98
19) 1,1-Dichloroethane	3.182	63	17147	0.527	ug/L	95
21) 2-Butanone	4.024	43	19644m	5.461	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	11485	0.556	ug/L	87
23) Bromochloromethane	4.246	128	4276	0.516	ug/L	98
25) Chloroform	4.371	83	18137	0.534	ug/L	99
27) 1,2-Dichloroethane	5.130	62	10169	0.553	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	15836	0.542	ug/L	98
30) Cyclohexane	4.667	56	15443	0.535	ug/L	97
31) Carbon tetrachloride	4.821	117	12906	0.522	ug/L	97
33) Benzene	5.095	78	43310	0.570	ug/L	100
34) Trichloroethene	5.911	95	10488	0.541	ug/L	96
35) Methylcyclohexane	6.124	83	16603	0.507	ug/L	98
37) 1,2-Dichloropropane	6.169	63	9799	0.547	ug/L #	97
38) Bromodichloromethane	6.506	83	11363	0.530	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	13639	0.521	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	45343	5.413	ug/L	99
42) Toluene	7.384	91	44579	0.547	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	11203	0.540	ug/L	96

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

45) 1,1,2-Trichloroethane	7.834	97	6847	0.565	ug/L	97
47) Tetrachloroethene	7.969	164	8663	0.545	ug/L	94
48) 2-Hexanone	8.140	43	33112m	5.636	ug/L	
49) Dibromochloromethane	8.239	129	7232	0.530	ug/L	93
50) 1,2-Dibromoethane	8.349	107	5693	0.538	ug/L	89
51) Chlorobenzene	8.876	112	27766	0.545	ug/L	98
52) Ethylbenzene	9.005	91	45270	0.532	ug/L	100
53) m,p-Xylene	9.133	106	17511	0.522	ug/L	100
54) o-Xylene	9.535	106	17555	0.533	ug/L	95
55) Styrene	9.554	104	28801	0.518	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	6977	0.556	ug/L	98
59) Bromoform	9.722	173	3642	0.515	ug/L	99
60) Isopropylbenzene	9.921	105	46613	0.535	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	5405	0.579	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	39590	0.525	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	39999	0.528	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	21863	0.538	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	21489	0.535	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	20297	0.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	1026	0.559	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	17278	0.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	14293	0.527	ug/L	99
71) Naphthalene	13.496	128	13422	0.572	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11224	0.509	ug/L	96

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

