

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029298.D
 Acq On : 23 Nov 2022 16:34
 Operator : SY/MD
 Sample : VSTD00111
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001211

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 01:08:37 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	269188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	236466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	124242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	15106	0.912	ug/L	0.00
7) Chloroethane-d5	1.565	69	11016	0.908	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	24194	0.913	ug/L	0.00
20) 2-Butanone-d5	3.925	46	23945m	8.659	ug/L	0.02
24) Chloroform-d	4.339	84	27293	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12159	0.935	ug/L	0.00
32) Benzene-d6	5.044	84	57952	0.887	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	16049	0.874	ug/L	0.00
41) Toluene-d8	7.310	98	53416	0.866	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	5629	0.795	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	21118m	8.368	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	10429	0.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	20312	0.936	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	18146	0.903	ug/L	99
3) Chloromethane	1.240	50	17082	0.928	ug/L	99
5) Vinyl chloride	1.307	62	15682	0.855	ug/L	99
6) Bromomethane	1.516	94	9801	0.857	ug/L	99
8) Chloroethane	1.581	64	8857	0.813	ug/L	98
9) Trichlorofluoromethane	1.748	101	22613	0.881	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12244	0.856	ug/L	99
12) 1,1-Dichloroethene	2.114	96	12323	0.890	ug/L	97
13) Acetone	2.195	43	18869m	9.369	ug/L	
14) Carbon disulfide	2.288	76	33538	0.834	ug/L	99
15) Methyl Acetate	2.436	43	6192m	1.059	ug/L	
16) Methylene chloride	2.500	84	18970	0.897	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	29010	0.820	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	13268	0.835	ug/L	94
19) 1,1-Dichloroethane	3.185	63	24211	0.847	ug/L	95
21) 2-Butanone	4.008	43	25094m	7.937	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	15382	0.847	ug/L	89
23) Bromochloromethane	4.243	128	5765	0.792	ug/L	96
25) Chloroform	4.368	83	25559	0.856	ug/L	98
27) 1,2-Dichloroethane	5.130	62	13728	0.849	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	22287	0.819	ug/L	99
30) Cyclohexane	4.667	56	22387	0.833	ug/L	98
31) Carbon tetrachloride	4.818	117	18748	0.815	ug/L	99
33) Benzene	5.095	78	58135	0.822	ug/L	100
34) Trichloroethene	5.912	95	15082	0.836	ug/L	95
35) Methylcyclohexane	6.124	83	26042	0.855	ug/L	99
37) 1,2-Dichloropropane	6.169	63	14087	0.846	ug/L	99
38) Bromodichloromethane	6.503	83	16053	0.805	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	19042	0.782	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	62789	8.054	ug/L	98
42) Toluene	7.381	91	63001	0.830	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	14498	0.752	ug/L	99

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45) 1,1,2-Trichloroethane	7.834	97	8839	0.784	ug/L	96
47) Tetrachloroethene	7.969	164	12306	0.832	ug/L	96
48) 2-Hexanone	8.140	43	43422m	7.941	ug/L	
49) Dibromochloromethane	8.240	129	9813	0.773	ug/L	97
50) 1,2-Dibromoethane	8.349	107	8003	0.813	ug/L	98
51) Chlorobenzene	8.876	112	40718	0.858	ug/L	97
52) Ethylbenzene	9.005	91	66658	0.842	ug/L	97
53) m,p-Xylene	9.133	106	26980	0.864	ug/L	98
54) o-Xylene	9.535	106	25921	0.845	ug/L	96
55) Styrene	9.555	104	43269	0.836	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	9931	0.851	ug/L #	94
59) Bromoform	9.722	173	5530	0.847	ug/L	98
60) Isopropylbenzene	9.921	105	69643	0.867	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	7362	0.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	59855	0.861	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	60517	0.865	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	31536	0.842	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	32656	0.881	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	29711	0.861	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	1438	0.850	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.635	180	27018	0.875	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	21161	0.846	ug/L	99
71) Naphthalene	13.497	128	19497	0.900	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	17402	0.854	ug/L	100

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

