

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028680.D
 Acq On : 25 Oct 2022 11:00
 Operator : SY/MD
 Sample : VSTD00171
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001271

Quant Time: Oct 27 04:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	243274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	78716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14855	0.666	ug/L	0.00
7) Chloroethane-d5	1.564	69	12321	0.690	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	26735	0.678	ug/L	-0.02
20) 2-Butanone-d5	3.960	46	33962	7.473	ug/L	-0.01
24) Chloroform-d	4.346	84	26029	0.754	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14238	0.750	ug/L	0.00
32) Benzene-d6	5.043	84	49281	0.685	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	14777	0.675	ug/L	0.00
41) Toluene-d8	7.313	98	32060	0.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	3766	0.655	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	14922	6.204	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	8457	0.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	9638	0.714	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7901	0.701	ug/L	96
3) Chloromethane	1.236	50	17407	0.779	ug/L	94
5) Vinyl chloride	1.307	62	15815	0.735	ug/L	96
6) Bromomethane	1.519	94	7430	0.708	ug/L	96
8) Chloroethane	1.584	64	10294	0.711	ug/L	97
9) Trichlorofluoromethane	1.748	101	21086	0.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11965	0.760	ug/L	93
12) 1,1-Dichloroethene	2.111	96	10908	0.732	ug/L	84
13) Acetone	2.246	43	18712	6.560	ug/L	78
14) Carbon disulfide	2.285	76	27654	0.772	ug/L #	92
15) Methyl Acetate	2.458	43	6379	0.751	ug/L #	91
16) Methylene chloride	2.500	84	17551	0.814	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	32876	0.796	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	12566	0.775	ug/L	97
19) 1,1-Dichloroethane	3.175	63	30920	0.808	ug/L	99
21) 2-Butanone	4.047	43	35025	6.932	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	14500	0.771	ug/L #	97
23) Bromochloromethane	4.240	128	5354	0.774	ug/L	88
25) Chloroform	4.371	83	29024	0.798	ug/L	96
27) 1,2-Dichloroethane	5.137	62	17157	0.743	ug/L	96
29) 1,1,1-Trichloroethane	4.593	97	23475	0.809	ug/L	98
30) Cyclohexane	4.654	56	24855	0.800	ug/L	99
31) Carbon tetrachloride	4.809	117	17904	0.829	ug/L	100
33) Benzene	5.092	78	55071	0.711	ug/L	100
34) Trichloroethene	5.905	95	13705	0.773	ug/L	96
35) Methylcyclohexane	6.114	83	16138	0.614	ug/L	96
37) 1,2-Dichloropropane	6.175	63	12416	0.620	ug/L	100
38) Bromodichloromethane	6.510	83	15255	0.770	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	14245	0.666	ug/L	99
40) 4-Methyl-2-pentanone	7.252	43	68578	6.763	ug/L	96
42) Toluene	7.384	91	44364	0.685	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	10159	0.647	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	7955	0.794	ug/L	87
47) Tetrachloroethene	7.969	164	7671	0.788	ug/L	96
48) 2-Hexanone	8.162	43	42818	6.607	ug/L	98
49) Dibromochloromethane	8.246	129	7179	0.767	ug/L	83
50) 1,2-Dibromoethane	8.355	107	6701	0.785	ug/L #	99
51) Chlorobenzene	8.879	112	27969	0.737	ug/L	97
52) Ethylbenzene	9.008	91	47181	0.701	ug/L	100
53) m,p-Xylene	9.136	106	16824	0.692	ug/L	91
54) o-Xylene	9.538	106	17521	0.719	ug/L	96
55) Styrene	9.558	104	26811	0.647	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	9169	0.777	ug/L	97
59) Bromoform	9.728	173	3459	0.906	ug/L	98
60) Isopropylbenzene	9.924	105	45677	0.728	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	6317	0.772	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	12772	0.707	ug/L	95
63) 1,2,4-Trimethylbenzene	10.908	105	34229	0.706	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	19117	0.766	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	18847	0.752	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	17325	0.750	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	1171	0.799	ug/L	97
69) 1,3,5-Trichlorobenzene	12.638	180	14222	0.798	ug/L	94
70) 1,2,4-trichlorobenzene	13.252	180	10062	0.719	ug/L	97
71) Naphthalene	13.496	128	16696	0.701	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	8962	0.732	ug/L	96

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

