

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024715.D
 Acq On : 17 Feb 2022 11:56
 Operator : SY/MD
 Sample : VSTD0.508
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5214

Quant Time: Feb 18 07:11:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	201738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	8656	0.507	ug/L	0.00
7) Chloroethane-d5	1.571	69	7420	0.519	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	16348	0.455	ug/L	0.00
20) 2-Butanone-d5	3.934	46	10960	3.955	ug/L	0.04
24) Chloroform-d	4.359	84	13498	0.466	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.044	65	6077	0.463	ug/L	0.00
32) Benzene-d6	5.056	84	27042	0.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	8258	0.505	ug/L	0.00
41) Toluene-d8	7.320	98	23007	0.467	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2345	0.367	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	8655	3.785	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	4602	0.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7468	0.548	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	9980	0.400	ug/L	100
3) Chloromethane	1.243	50	10284	0.416	ug/L	98
5) Vinyl chloride	1.314	62	11032	0.411	ug/L	95
6) Bromomethane	1.523	94	6884	0.423	ug/L	92
8) Chloroethane	1.587	64	7263	0.442	ug/L	97
9) Trichlorofluoromethane	1.754	101	15072	0.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	8615	0.429	ug/L	97
12) 1,1-Dichloroethene	2.121	96	8267	0.417	ug/L	97
13) Acetone	2.192	43	9502	4.340	ug/L	99
14) Carbon disulfide	2.298	76	22252	0.357	ug/L	99
15) Methyl Acetate	2.455	43	2093	0.335	ug/L	94
16) Methylene chloride	2.510	84	9039	0.459	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	16021	0.396	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	7873	0.405	ug/L	92
19) 1,1-Dichloroethane	3.195	63	14279	0.424	ug/L	97
21) 2-Butanone	4.008	43	12328	3.510	ug/L	90
22) cis-1,2-Dichloroethene	3.921	96	7950	0.406	ug/L	99
23) Bromochloromethane	4.256	128	3241	0.434	ug/L	86
25) Chloroform	4.384	83	15675	0.445	ug/L	98
27) 1,2-Dichloroethane	5.143	62	8171	0.424	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	12765	0.438	ug/L	97
30) Cyclohexane	4.677	56	12618	0.420	ug/L	97
31) Carbon tetrachloride	4.831	117	10713	0.434	ug/L	96
33) Benzene	5.105	78	32042	0.457	ug/L	100
34) Trichloroethene	5.921	95	8686	0.453	ug/L	94
35) Methylcyclohexane	6.130	83	13372	0.425	ug/L	98
37) 1,2-Dichloropropane	6.182	63	7796	0.459	ug/L	97
38) Bromodichloromethane	6.516	83	9429	0.422	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	9445	0.372	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	33774	3.904	ug/L	99
42) Toluene	7.391	91	32954	0.432	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	7630	0.366	ug/L	97

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

45) 1,1,2-Trichloroethane	7.844	97	4987	0.454	ug/L	94
47) Tetrachloroethene	7.979	164	5671	0.443	ug/L	94
48) 2-Hexanone	8.146	43	24056	4.053	ug/L	98
49) Dibromochloromethane	8.246	129	5155	0.394	ug/L	94
50) 1,2-Dibromoethane	8.359	107	4132	0.403	ug/L #	89
51) Chlorobenzene	8.883	112	21567	0.461	ug/L	98
52) Ethylbenzene	9.014	91	35088	0.415	ug/L	97
53) m,p-xylene	9.140	106	13053	0.409	ug/L	98
54) o-xylene	9.545	106	12887	0.416	ug/L	98
55) Styrene	9.564	104	19678	0.386	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	5160	0.461	ug/L	96
59) Bromoform	9.731	173	1974	0.386	ug/L #	91
60) Isopropylbenzene	9.931	105	33900	0.456	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	3961	0.492	ug/L	96
62) 1,3,5-Trimethylbenzene	10.539	105	27866	0.439	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	27102	0.429	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	15088	0.497	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	15423	0.512	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	13350	0.496	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	589	0.378	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.645	180	10487	0.486	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	8157	0.473	ug/L	93
71) Naphthalene	13.503	128	13539	0.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	6777	0.467	ug/L	97

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

