

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024717.D
 Acq On : 17 Feb 2022 12:42
 Operator : SY/MD
 Sample : VSTD00510
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005216

Quant Time: Feb 18 07:07:16 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	177485	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75263	5.015	ug/L	0.00
7) Chloroethane-d5	1.568	69	62256	4.945	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	138847	4.389	ug/L	0.00
20) 2-Butanone-d5	3.892	46	112530	46.152	ug/L	0.00
24) Chloroform-d	4.349	84	116524	4.575	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	52845	4.580	ug/L	0.00
32) Benzene-d6	5.050	84	238591	5.134	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	69766	4.848	ug/L	0.00
41) Toluene-d8	7.314	98	222481	5.136	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	24031	4.276	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	95561	47.514	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41918	4.922	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	65602	5.237	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	85164	3.876	ug/L	100
3) Chloromethane	1.243	50	83815	3.851	ug/L	100
5) Vinyl chloride	1.311	62	93895	3.979	ug/L	100
6) Bromomethane	1.523	94	53805	3.754	ug/L	100
8) Chloroethane	1.587	64	57749	3.990	ug/L	100
9) Trichlorofluoromethane	1.754	101	123777	3.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71285	4.030	ug/L	100
12) 1,1-Dichloroethene	2.121	96	67439	3.862	ug/L	100
13) Acetone	2.185	43	74213	38.533	ug/L	100
14) Carbon disulfide	2.298	76	189510	3.456	ug/L	100
15) Methyl Acetate	2.442	43	18787	3.419	ug/L	100
16) Methylene chloride	2.510	84	62983	3.634	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	132081	3.708	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	65807	3.845	ug/L	100
19) 1,1-Dichloroethane	3.192	63	120177	4.057	ug/L	100
21) 2-Butanone	3.976	43	121638	39.370	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	69903	4.055	ug/L	100
23) Bromochloromethane	4.249	128	27007	4.112	ug/L	100
25) Chloroform	4.378	83	123936	4.002	ug/L	100
27) 1,2-Dichloroethane	5.134	62	67998	4.006	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	109130	4.253	ug/L	100
30) Cyclohexane	4.680	56	110691	4.191	ug/L	100
31) Carbon tetrachloride	4.831	117	90699	4.182	ug/L	100
33) Benzene	5.101	78	274310	4.451	ug/L	100
34) Trichloroethene	5.915	95	73019	4.333	ug/L	100
35) Methylcyclohexane	6.130	83	118120	4.264	ug/L	100
37) 1,2-Dichloropropane	6.172	63	64053	4.290	ug/L	100
38) Bromodichloromethane	6.510	83	83329	4.235	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	91587	4.099	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	317215	41.683	ug/L	100
42) Toluene	7.387	91	292521	4.364	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	73067	3.980	ug/L	100

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45) 1,1,2-Trichloroethane	7.838	97	42132	4.363	ug/L	100
47) Tetrachloroethene	7.976	164	49298	4.376	ug/L	100
48) 2-Hexanone	8.137	43	224064	42.920	ug/L	100
49) Dibromochloromethane	8.246	129	46217	4.019	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38814	4.303	ug/L	100
51) Chlorobenzene	8.879	112	178470	4.341	ug/L	100
52) Ethylbenzene	9.011	91	319241	4.298	ug/L	100
53) m,p-xylene	9.137	106	121343	4.317	ug/L	100
54) o-xylene	9.542	106	119015	4.363	ug/L	100
55) Styrene	9.558	104	196666	4.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	44194	4.492	ug/L	100
59) Bromoform	9.731	173	19338	4.118	ug/L	100
60) Isopropylbenzene	9.931	105	320040	4.686	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34915	4.722	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	265795	4.558	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	267353	4.608	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	131476	4.709	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	131103	4.732	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	115883	4.679	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6229	4.353	ug/L	100
69) 1,3,5-Trichlorobenzene	12.645	180	93821	4.734	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	74176	4.676	ug/L	100
71) Naphthalene	13.500	128	125383	4.408	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62197	4.658	ug/L	100

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

