

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024994.D
 Acq On : 15 Mar 2022 13:11
 Operator : SY/MD
 Sample : VSTD02023
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020223

Quant Time: Mar 16 02:57:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	193668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	284016	18.576	ug/L	0.00
7) Chloroethane-d5	1.568	69	210798	18.827	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	475271	19.233	ug/L	0.00
20) 2-Butanone-d5	3.899	46	445125	274.904	ug/L	0.00
24) Chloroform-d	4.349	84	496771	19.590	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	203347	19.180	ug/L	0.00
32) Benzene-d6	5.050	84	1015295	19.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	288535	19.192	ug/L	0.00
41) Toluene-d8	7.314	98	923432	19.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	111276	21.232	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	404552	226.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	170943	19.328	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	286380	19.408	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	361611	21.132	ug/L	98
3) Chloromethane	1.240	50	321197	19.903	ug/L	99
5) Vinyl chloride	1.311	62	348230	20.451	ug/L	100
6) Bromomethane	1.523	94	222864	20.254	ug/L	98
8) Chloroethane	1.584	64	209351	20.277	ug/L	99
9) Trichlorofluoromethane	1.754	101	479340	20.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	260603	20.753	ug/L	99
12) 1,1-Dichloroethene	2.118	96	250852	20.333	ug/L	96
13) Acetone	2.198	43	269078	250.453	ug/L	80
14) Carbon disulfide	2.291	76	942021	21.339	ug/L	100
15) Methyl Acetate	2.442	43	91937	25.601	ug/L #	88
16) Methylene chloride	2.507	84	298040	19.936	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	598383	22.266	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	318882	21.477	ug/L	99
19) 1,1-Dichloroethane	3.188	63	534055	21.134	ug/L	99
21) 2-Butanone	3.982	43	501805	286.555	ug/L	83
22) cis-1,2-Dichloroethene	3.912	96	330180	22.026	ug/L	95
23) Bromochloromethane	4.246	128	131519	22.254	ug/L	98
25) Chloroform	4.375	83	549523	20.886	ug/L	98
27) 1,2-Dichloroethane	5.130	62	277729	21.229	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	493116	21.455	ug/L	99
30) Cyclohexane	4.677	56	494683	22.121	ug/L	99
31) Carbon tetrachloride	4.828	117	430820	21.848	ug/L	100
33) Benzene	5.098	78	1236430	21.092	ug/L	100
34) Trichloroethene	5.912	95	332902	21.328	ug/L	99
35) Methylcyclohexane	6.130	83	551946	22.338	ug/L	99
37) 1,2-Dichloropropane	6.172	63	290210	21.542	ug/L	100
38) Bromodichloromethane	6.510	83	370539	21.750	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	439839	23.515	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1234571	222.716	ug/L	98
42) Toluene	7.384	91	1312893	21.400	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	348991	23.712	ug/L	97

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45) 1,1,2-Trichloroethane	7.838	97	190338	21.155	ug/L	99
47) Tetrachloroethene	7.973	164	230497	20.991	ug/L	97
48) 2-Hexanone	8.140	43	835934	212.712	ug/L	96
49) Dibromochloromethane	8.246	129	227821	22.619	ug/L	99
50) 1,2-Dibromoethane	8.352	107	177447	21.549	ug/L	100
51) Chlorobenzene	8.879	112	811779	21.131	ug/L	99
52) Ethylbenzene	9.011	91	1423404	21.933	ug/L	100
53) m,p-xylene	9.137	106	552248	22.096	ug/L	98
54) o-xylene	9.542	106	532553	22.283	ug/L	97
55) Styrene	9.558	104	883657	22.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	188280	21.344	ug/L	98
59) Bromoform	9.728	173	105567	22.487	ug/L	97
60) Isopropylbenzene	9.928	105	1421261	21.622	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	147563	20.130	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	686009	22.999	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1221408	23.121	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	607305	21.299	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	595053	20.702	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	531861	21.051	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	30484	24.259	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	448576	22.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	362176	23.079	ug/L	99
71) Naphthalene	13.497	128	624436	23.963	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	303389	22.817	ug/L	99

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

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