

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024993.D
 Acq On : 15 Mar 2022 12:48
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 02:56:47 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	5.616	114	196790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154160	9.923	ug/L	0.00
7) Chloroethane-d5	1.568	69	113436	9.971	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	252355	10.050	ug/L	0.00
20) 2-Butanone-d5	3.905	46	226116m	137.431	ug/L	0.00
24) Chloroform-d	4.349	84	264600	10.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	109429	10.158	ug/L	0.00
32) Benzene-d6	5.050	84	549848	10.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	157203	10.374	ug/L	0.00
41) Toluene-d8	7.313	98	505501	10.525	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	58117	11.002	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	206982	114.871	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	91424	10.256	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	152091	10.294	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	172873	9.942	ug/L	98
3) Chloromethane	1.240	50	157282	9.591	ug/L	99
5) Vinyl chloride	1.310	62	170538	9.857	ug/L	99
6) Bromomethane	1.523	94	107584	9.622	ug/L	98
8) Chloroethane	1.584	64	103257	9.842	ug/L	99
9) Trichlorofluoromethane	1.754	101	230840	9.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	126201	9.890	ug/L	100
12) 1,1-Dichloroethene	2.117	96	124040	9.894	ug/L	94
13) Acetone	2.201	43	131593m	120.541	ug/L	
14) Carbon disulfide	2.294	76	456002	10.166	ug/L	99
15) Methyl Acetate	2.442	43	36588	10.027	ug/L	95
16) Methylene chloride	2.507	84	145530	9.580	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	280636	10.277	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	153952	10.204	ug/L	98
19) 1,1-Dichloroethane	3.191	63	258463	10.066	ug/L	100
21) 2-Butanone	3.989	43	215833	121.296	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	159029	10.441	ug/L	96
23) Bromochloromethane	4.249	128	61774	10.287	ug/L	99
25) Chloroform	4.375	83	266779	9.979	ug/L	98
27) 1,2-Dichloroethane	5.130	62	136483	10.267	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	237449	10.250	ug/L	99
30) Cyclohexane	4.677	56	236401	10.488	ug/L	99
31) Carbon tetrachloride	4.828	117	204501	10.289	ug/L	99
33) Benzene	5.098	78	601081	10.173	ug/L	100
34) Trichloroethene	5.912	95	162406	10.323	ug/L	98
35) Methylcyclohexane	6.130	83	263195	10.568	ug/L	98
37) 1,2-Dichloropropane	6.172	63	141522	10.423	ug/L	100
38) Bromodichloromethane	6.510	83	175999	10.250	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	204024	10.822	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	597429	106.929	ug/L	98
42) Toluene	7.387	91	647553	10.472	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	159805	10.773	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	92425	10.192	ug/L	99
47) Tetrachloroethene	7.976	164	113627	10.267	ug/L	96
48) 2-Hexanone	8.140	43	411220	103.817	ug/L	97
49) Dibromochloromethane	8.246	129	107880	10.627	ug/L	97
50) 1,2-Dibromoethane	8.352	107	84337	10.162	ug/L	98
51) Chlorobenzene	8.879	112	393710	10.168	ug/L	99
52) Ethylbenzene	9.011	91	689796	10.545	ug/L	100
53) m,p-xylene	9.136	106	269331	10.691	ug/L	98
54) o-xylene	9.542	106	257775	10.701	ug/L	98
55) Styrene	9.558	104	430885	10.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	92965	10.456	ug/L	99
59) Bromoform	9.731	173	47099	10.020	ug/L	99
60) Isopropylbenzene	9.931	105	692782	10.526	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	72834	9.923	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	318116	10.651	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	581412	10.992	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	294700	10.322	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	288539	10.025	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	257307	10.171	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	13423	10.668	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	210801	10.453	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	165536	10.535	ug/L	100
71) Naphthalene	13.500	128	280299	10.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	139158	10.452	ug/L	99

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

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