

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028631.D
 Acq On : 20 Oct 2022 12:25
 Operator : SY/MD
 Sample : VSTD01067
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010267

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 20 23:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	216456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	155235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	78898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	241727	12.325	ug/L	0.00
7) Chloroethane-d5	1.555	69	186129	11.721	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.095	63	412596	11.696	ug/L	0.00
20) 2-Butanone-d5	3.947	46	446936	112.045	ug/L	0.00
24) Chloroform-d	4.333	84	355564	12.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	181165	11.947	ug/L	0.00
32) Benzene-d6	5.031	84	732189	13.667	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	247899m	13.760	ug/L	0.00
41) Toluene-d8	7.301	98	502686	12.139	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	49968	9.439	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	239730	105.373	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	109369	11.293	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	151038	11.358	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	104395	8.587	ug/L	96
3) Chloromethane	1.227	50	202032	9.763	ug/L	99
5) Vinyl chloride	1.298	62	206020	10.077	ug/L	99
6) Bromomethane	1.510	94	94227	10.144	ug/L	100
8) Chloroethane	1.571	64	131742	9.862	ug/L	95
9) Trichlorofluoromethane	1.738	101	252087	10.103	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	149997	10.086	ug/L	98
12) 1,1-Dichloroethene	2.105	96	141264	10.270	ug/L	91
13) Acetone	2.236	43	238129	84.423	ug/L	95
14) Carbon disulfide	2.278	76	340256	9.104	ug/L	99
15) Methyl Acetate	2.449	43	76846m	11.650	ug/L	
16) Methylene chloride	2.494	84	166800	8.668	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	385205	10.935	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	148006	10.334	ug/L	97
19) 1,1-Dichloroethane	3.172	63	353404	10.829	ug/L	98
21) 2-Butanone	4.031	43	446324	108.067	ug/L	99
22) cis-1,2-Dichloroethene	3.892	96	172442	10.599	ug/L #	92
23) Bromochloromethane	4.230	128	61703	9.953	ug/L	95
25) Chloroform	4.359	83	333538	10.777	ug/L	97
27) 1,2-Dichloroethane	5.121	62	206568	11.249	ug/L	100
29) 1,1,1-Trichloroethane	4.584	97	263345	11.816	ug/L	98
30) Cyclohexane	4.645	56	306157	11.919	ug/L	97
31) Carbon tetrachloride	4.802	117	198304	11.502	ug/L	98
33) Benzene	5.079	78	713153	12.248	ug/L	100
34) Trichloroethene	5.889	95	177750	12.330	ug/L	99
35) Methylcyclohexane	6.101	83	288061	12.013	ug/L	96
37) 1,2-Dichloropropane	6.159	63	199891	12.849	ug/L	99
38) Bromodichloromethane	6.494	83	179035	10.681	ug/L	99
39) cis-1,3-Dichloropropene	7.014	75	176239	9.219	ug/L	99
40) 4-Methyl-2-pentanone	7.246	43	804758	101.632	ug/L	99
42) Toluene	7.371	91	560278	10.598	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	136324	9.772	ug/L	100

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45) 1,1,2-Trichloroethane	7.834	97	87048	10.958	ug/L	94
47) Tetrachloroethene	7.960	164	88454	10.187	ug/L	98
48) 2-Hexanone	8.153	43	575031	107.504	ug/L	99
49) Dibromochloromethane	8.236	129	85139	10.252	ug/L	95
50) 1,2-Dibromoethane	8.346	107	75449	10.789	ug/L	99
51) Chlorobenzene	8.870	112	347663	10.640	ug/L	99
52) Ethylbenzene	9.001	91	627506	10.788	ug/L	98
53) m,p-Xylene	9.127	106	232834	10.658	ug/L	99
54) o-Xylene	9.532	106	232281	11.052	ug/L	95
55) Styrene	9.551	104	403068	11.228	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	106661	10.803	ug/L	99
59) Bromoform	9.725	173	36993	9.368	ug/L	97
60) Isopropylbenzene	9.921	105	638606	10.862	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	73422	10.089	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	177568	10.151	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	512572	10.681	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	261620	10.557	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	257005	10.542	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	237510	10.646	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	12244	8.526	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	186828	10.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	148040	10.815	ug/L	100
71) Naphthalene	13.490	128	230821	11.338	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	127763	11.186	ug/L	98

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

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