

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025785.D
 Acq On : 03 May 2022 11:22
 Operator : SY/MD
 Sample : VSTD00138
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001238

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Semsettin Yesilyurt 05/06/2022

Quant Time: May 03 12:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	198448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	201177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20514	1.056	ug/L	0.00
7) Chloroethane-d5	1.571	69	18021	0.905	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	39812	1.040	ug/L	0.00
20) 2-Butanone-d5	3.915	46	24953m	10.289	ug/L	0.02
24) Chloroform-d	4.349	84	30209	1.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	12811	1.008	ug/L	0.00
32) Benzene-d6	5.050	84	57863	0.951	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16789	0.982	ug/L	0.00
41) Toluene-d8	7.314	98	50489	0.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5224	0.923	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	17128	8.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10356	0.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15915	0.915	ug/L	0.00
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.131	85	24524	1.282	ug/L	99
3) Chloromethane	1.243	50	28568	1.353	ug/L	98
5) Vinyl chloride	1.314	62	28738	1.236	ug/L	99
6) Bromomethane	1.523	94	15397	0.965	ug/L	97
8) Chloroethane	1.587	64	18923	1.085	ug/L	96
9) Trichlorofluoromethane	1.754	101	39115	1.214	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	21524	1.197	ug/L	97
12) 1,1-Dichloroethene	2.121	96	19409	1.093	ug/L	86
13) Acetone	2.185	43	20641	12.814	ug/L	94
14) Carbon disulfide	2.298	76	49632	1.144	ug/L	100
15) Methyl Acetate	2.449	43	4459	1.234	ug/L	90
16) Methylene chloride	2.507	84	21571	1.249	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	28852	1.049	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	17038	1.132	ug/L	94
19) 1,1-Dichloroethane	3.188	63	30841	1.191	ug/L	96
21) 2-Butanone	3.999	43	23015	10.248	ug/L	76
22) cis-1,2-Dichloroethene	3.915	96	17103	1.090	ug/L	94
23) Bromochloromethane	4.246	128	7167	1.094	ug/L #	89
25) Chloroform	4.375	83	32272	1.189	ug/L	95
27) 1,2-Dichloroethane	5.134	62	16878	1.169	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	27085	1.087	ug/L	97
30) Cyclohexane	4.677	56	23307	1.038	ug/L	98
31) Carbon tetrachloride	4.828	117	24229	1.154	ug/L	100
33) Benzene	5.098	78	67949	1.091	ug/L	100
34) Trichloroethene	5.915	95	17366	1.064	ug/L	94
35) Methylcyclohexane	6.130	83	25859	0.989	ug/L	94
37) 1,2-Dichloropropane	6.172	63	16103	1.106	ug/L	97
38) Bromodichloromethane	6.510	83	20548	1.145	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	19092	1.022	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	60329	10.251	ug/L	94
42) Toluene	7.387	91	67361	1.001	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	14542	0.990	ug/L	98

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45) 1,1,2-Trichloroethane	7.841	97	10634	1.105	ug/L	94
47) Tetrachloroethene	7.973	164	15437	1.203	ug/L	97
48) 2-Hexanone	8.143	43	43193	10.482	ug/L	94
49) Dibromochloromethane	8.246	129	11201	1.064	ug/L	93
50) 1,2-Dibromoethane	8.352	107	8862	0.998	ug/L #	99
51) Chlorobenzene	8.883	112	46388	1.086	ug/L	98
52) Ethylbenzene	9.011	91	69068	0.970	ug/L	99
53) m,p-Xylene	9.140	106	27094	1.001	ug/L	99
54) o-Xylene	9.542	106	24592	0.935	ug/L	99
55) Styrene	9.561	104	39343	0.911	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	10993	1.133	ug/L	94
59) Bromoform	9.731	173	5043	1.148	ug/L	92
60) Isopropylbenzene	9.931	105	65472	1.010	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	8067	1.153	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	26846	0.940	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	46947	0.906	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	32537	1.077	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	33143	1.083	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	29160	1.090	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	1589	1.279	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.645	180	23725	1.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	17057	0.975	ug/L	96
71) Naphthalene	13.503	128	22056	0.865	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	13700	0.943	ug/L	99

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

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