

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025403.D
 Acq On : 08 Apr 2022 11:47
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001232

Quant Time: Apr 09 04:31:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	241136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	20501	0.909	ug/L	0.00
7) Chloroethane-d5	1.571	69	19531	0.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	43470	0.904	ug/L	0.00
20) 2-Butanone-d5	3.899	46	22501	9.505	ug/L	0.01
24) Chloroform-d	4.355	84	30381	1.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	13237	0.995	ug/L	0.00
32) Benzene-d6	5.053	84	60747	0.990	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	16759	0.972	ug/L	0.00
41) Toluene-d8	7.317	98	55538	0.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5352	0.953	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	17402	8.665	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	11106	0.983	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	19569	0.956	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	24812	1.099	ug/L	97
3) Chloromethane	1.243	50	25964	0.975	ug/L	98
5) Vinyl chloride	1.314	62	29209	0.981	ug/L	96
6) Bromomethane	1.526	94	19217	1.061	ug/L	98
8) Chloroethane	1.587	64	20604	1.080	ug/L	96
9) Trichlorofluoromethane	1.757	101	42073	1.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	24746	1.035	ug/L	97
12) 1,1-Dichloroethene	2.121	96	23015	1.013	ug/L	88
13) Acetone	2.175	43	19934	11.762	ug/L	96
14) Carbon disulfide	2.297	76	54454	1.138	ug/L	97
15) Methyl Acetate	2.442	43	3554	0.931	ug/L	95
16) Methylene chloride	2.510	84	24985	1.359	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	36074	1.223	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	19268	1.161	ug/L	97
19) 1,1-Dichloroethane	3.191	63	32137	1.156	ug/L	96
21) 2-Butanone	3.985	43	26921	11.775	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	19679	1.147	ug/L	95
23) Bromochloromethane	4.256	128	8553	1.216	ug/L	98
25) Chloroform	4.381	83	34907	1.136	ug/L	99
27) 1,2-Dichloroethane	5.137	62	17028	1.070	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	30343	1.124	ug/L	98
30) Cyclohexane	4.677	56	27763	1.143	ug/L	99
31) Carbon tetrachloride	4.828	117	26502	1.138	ug/L	100
33) Benzene	5.101	78	74960	1.134	ug/L	100
34) Trichloroethene	5.918	95	21316	1.171	ug/L	95
35) Methylcyclohexane	6.127	83	32559	1.148	ug/L	97
37) 1,2-Dichloropropane	6.175	63	17367	1.132	ug/L #	97
38) Bromodichloromethane	6.513	83	21823	1.125	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	21078	1.063	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	65723	10.685	ug/L	98
42) Toluene	7.387	91	82433	1.172	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	15619	0.999	ug/L	88

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

45) 1,1,2-Trichloroethane	7.841	97	11573	1.108	ug/L	98
47) Tetrachloroethene	7.976	164	16435	1.231	ug/L	98
48) 2-Hexanone	8.143	43	44289	10.137	ug/L	97
49) Dibromochloromethane	8.246	129	12390	1.096	ug/L	93
50) 1,2-Dibromoethane	8.355	107	10706	1.093	ug/L #	96
51) Chlorobenzene	8.882	112	54707	1.201	ug/L	96
52) Ethylbenzene	9.011	91	86673	1.161	ug/L	99
53) m,p-Xylene	9.140	106	33079	1.138	ug/L	98
54) o-Xylene	9.545	106	31926	1.154	ug/L	100
55) Styrene	9.561	104	51111	1.125	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	11471	1.061	ug/L	97
59) Bromoform	9.731	173	5398	1.107	ug/L	94
60) Isopropylbenzene	9.931	105	83506	1.069	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	9118	1.028	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	36382	1.033	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	64840	1.038	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	40891	1.115	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	40706	1.101	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	35841	1.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1498	0.940	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	31376	1.177	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	22906	1.135	ug/L	98
71) Naphthalene	13.503	128	31581	1.011	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	19271	1.113	ug/L	98

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

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