

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026508.D
 Acq On : 23 Jun 2022 12:14
 Operator : SY/MD
 Sample : VSTD02077
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02077

Quant Time: Jun 24 00:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	235344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	222546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	371560	18.769	ug/L	0.00
7) Chloroethane-d5	1.581	69	298668	18.882	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	667663	19.331	ug/L	0.00
20) 2-Butanone-d5	3.915	46	511593	255.582	ug/L	0.00
24) Chloroform-d	4.355	84	631390	21.158	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	248563	20.087	ug/L	0.00
32) Benzene-d6	5.056	84	1319589	22.055	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	367360	19.645	ug/L	0.00
41) Toluene-d8	7.317	98	1249572	22.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	124562	23.348	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	491863	293.755	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	245203	22.964	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	402809	22.044	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	351084	20.024	ug/L	99
3) Chloromethane	1.253	50	361462	18.655	ug/L	99
5) Vinyl chloride	1.323	62	412108	20.439	ug/L	97
6) Bromomethane	1.536	94	227948	20.464	ug/L	97
8) Chloroethane	1.597	64	252532	19.650	ug/L	94
9) Trichlorofluoromethane	1.764	101	566240	20.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	334777	20.474	ug/L	99
12) 1,1-Dichloroethene	2.130	96	317012	21.189	ug/L	97
13) Acetone	2.224	43	267867	198.768	ug/L	100
14) Carbon disulfide	2.304	76	880713	23.636	ug/L	98
15) Methyl Acetate	2.458	43	74046	21.345	ug/L	98
16) Methylene chloride	2.519	84	313934	16.729	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	591790	23.625	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	331144	22.625	ug/L	98
19) 1,1-Dichloroethane	3.201	63	575714	20.951	ug/L	98
21) 2-Butanone	4.002	43	470459	244.263	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	351626	23.815	ug/L	99
23) Bromochloromethane	4.256	128	141205	22.919	ug/L	95
25) Chloroform	4.384	83	605856	20.355	ug/L	98
27) 1,2-Dichloroethane	5.137	62	290638	21.612	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	548891	21.872	ug/L	99
30) Cyclohexane	4.683	56	492911	25.841	ug/L	98
31) Carbon tetrachloride	4.834	117	452688	21.258	ug/L	100
33) Benzene	5.105	78	1338566	22.863	ug/L	100
34) Trichloroethene	5.918	95	337281	21.242	ug/L	99
35) Methylcyclohexane	6.133	83	572332	25.407	ug/L	98
37) 1,2-Dichloropropane	6.175	63	318274	21.343	ug/L	98
38) Bromodichloromethane	6.513	83	380035	21.105	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	412276	25.072	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	1290841	242.320	ug/L	95
42) Toluene	7.387	91	1456189	23.748	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	321046	24.636	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	206227	21.120	ug/L	98
47) Tetrachloroethene	7.976	164	272650	22.857	ug/L	99
48) 2-Hexanone	8.140	43	890529	236.938	ug/L	95
49) Dibromochloromethane	8.246	129	224942	21.317	ug/L	99
50) 1,2-Dibromoethane	8.352	107	188475	22.506	ug/L	96
51) Chlorobenzene	8.879	112	913947	22.881	ug/L	99
52) Ethylbenzene	9.011	91	1583641	25.576	ug/L	100
53) m,p-Xylene	9.137	106	626656	25.799	ug/L	98
54) o-Xylene	9.542	106	604980	26.060	ug/L	98
55) Styrene	9.558	104	1021892	26.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	237198	23.382	ug/L	100
59) Bromoform	9.728	173	94062	19.021	ug/L	97
60) Isopropylbenzene	9.931	105	1621419	24.879	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	154450	20.321	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1350426	26.068	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1352042	26.343	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	728406	22.920	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	720802	22.416	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	638148	22.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	28636	21.724	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	537904	23.623	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	415247	24.739	ug/L	99
71) Naphthalene	13.500	128	606475	26.468	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	344376	24.782	ug/L	98

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

