

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035604.D
 Acq On : 14 May 2024 11:24
 Operator : SY/MD
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02062

Quant Time: May 15 02:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	254213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	262595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	306649	13.910	ug/L	0.00
7) Chloroethane-d5	1.532	69	276756	15.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	134569	14.218	ug/L	0.00
20) 2-Butanone-d5	3.799	46	867375	223.267	ug/L	-0.04
24) Chloroform-d	4.243	84	677120	18.703	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	315980	18.465	ug/L	0.00
32) Benzene-d6	4.953	84	1280863	18.076	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	401130	18.081	ug/L	0.00
41) Toluene-d8	7.239	98	1172630	18.469	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	156325	19.831	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	793199	238.140	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322190	18.745	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	460717	18.404	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	386337	16.728	ug/L	99
3) Chloromethane	1.214	50	419206	15.554	ug/L	98
5) Vinyl chloride	1.281	62	443922	16.705	ug/L	100
6) Bromomethane	1.487	94	288691	18.415	ug/L	98
8) Chloroethane	1.548	64	278262	16.944	ug/L	100
9) Trichlorofluoromethane	1.712	101	571384	17.934	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	361210	18.346	ug/L	99
12) 1,1-Dichloroethene	2.066	96	336313	17.849	ug/L	96
13) Acetone	2.143	43	588607	214.034	ug/L	99
14) Carbon disulfide	2.236	76	970908	16.612	ug/L	98
15) Methyl Acetate	2.381	43	139325	19.713	ug/L	97
16) Methylene chloride	2.442	84	392334	16.508	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	906101	21.043	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	368736	19.052	ug/L	98
19) 1,1-Dichloroethane	3.108	63	721206	18.588	ug/L	99
21) 2-Butanone	3.879	43	912423	209.325	ug/L	89
22) cis-1,2-Dichloroethene	3.809	96	427123	21.358	ug/L	98
23) Bromochloromethane	4.143	128	190424	20.659	ug/L	97
25) Chloroform	4.272	83	746451	19.473	ug/L	99
27) 1,2-Dichloroethane	5.037	62	431133	19.324	ug/L	100
29) 1,1,1-Trichloroethane	4.506	97	628264	19.390	ug/L	99
30) Cyclohexane	4.577	56	544719	18.612	ug/L	99
31) Carbon tetrachloride	4.731	117	543815	19.536	ug/L	100
33) Benzene	5.005	78	1544674	19.309	ug/L	100
34) Trichloroethene	5.828	95	422565	19.920	ug/L	99
35) Methylcyclohexane	6.047	83	632384	20.521	ug/L	97
37) 1,2-Dichloropropane	6.088	63	411935	19.532	ug/L	99
38) Bromodichloromethane	6.429	83	523616	20.098	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	630674	22.667	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	2143958	196.086	ug/L	98
42) Toluene	7.310	91	1674001	20.158	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	519180	22.714	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	301988	20.127	ug/L	97
47) Tetrachloroethene	7.902	164	333568	19.768	ug/L	99
48) 2-Hexanone	8.072	43	1564896	193.272	ug/L	97
49) Dibromochloromethane	8.172	129	352572	22.338	ug/L	100
50) 1,2-Dibromoethane	8.278	107	286559	20.337	ug/L	97
51) Chlorobenzene	8.808	112	1089630	20.026	ug/L	99
52) Ethylbenzene	8.944	91	1864983	21.195	ug/L	99
53) m,p-Xylene	9.069	106	719231	21.964	ug/L	99
54) o-Xylene	9.474	106	705345	22.350	ug/L	99
55) Styrene	9.493	104	1238875	23.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	334608	18.680	ug/L	98
59) Bromoform	9.661	173	214178	23.888	ug/L	98
60) Isopropylbenzene	9.863	105	1904755	21.002	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	255025	17.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	1598119	22.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1601307	22.296	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	936052	20.127	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	937772	19.278	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	873120	20.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	60506	21.148	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	741318	21.188	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	641994	22.003	ug/L	100
71) Naphthalene	13.435	128	1018155	24.109	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	587193	22.537	ug/L	99

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

