

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038018.D
 Acq On : 12 Nov 2024 13:37
 Operator : SY/MD
 Sample : VSTD02013
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020213

Quant Time: Nov 13 00:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	308567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	307821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	168787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	531239	19.779	ug/L	0.00
7) Chloroethane-d5	1.529	69	418033	19.095	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	225392	19.151	ug/L	0.00
20) 2-Butanone-d5	3.796	46	1437372	245.342	ug/L	-0.02
24) Chloroform-d	4.236	84	1026628	20.279	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	507218	21.095	ug/L	0.00
32) Benzene-d6	4.947	84	2011758	21.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	605593	19.687	ug/L	0.00
41) Toluene-d8	7.233	98	1879379	21.607	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	273120	23.799	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	1339478	257.167	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	520466	21.117	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	726552	20.703	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	661481	19.661	ug/L	99
3) Chloromethane	1.214	50	601002	19.255	ug/L	98
5) Vinyl chloride	1.278	62	620531	19.807	ug/L	100
6) Bromomethane	1.484	94	391251	19.615	ug/L	99
8) Chloroethane	1.545	64	367762	19.374	ug/L	98
9) Trichlorofluoromethane	1.709	101	854870	19.741	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	484787	19.393	ug/L	99
12) 1,1-Dichloroethene	2.060	96	455244	19.408	ug/L	90
13) Acetone	2.146	43	802642	182.437	ug/L	97
14) Carbon disulfide	2.230	76	1563880	20.337	ug/L	100
15) Methyl Acetate	2.381	43	200775	22.278	ug/L	99
16) Methylene chloride	2.439	84	526246	18.943	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	1258175	22.015	ug/L	100
18) trans-1,2-Dichloroethene	2.683	96	514170	20.256	ug/L	97
19) 1,1-Dichloroethane	3.101	63	906057	19.868	ug/L	99
21) 2-Butanone	3.876	43	1276328	234.051	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	575360	21.568	ug/L	97
23) Bromochloromethane	4.137	128	255263	20.835	ug/L	98
25) Chloroform	4.262	83	951840	19.768	ug/L	98
27) 1,2-Dichloroethane	5.027	62	582388	21.509	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	837323	20.149	ug/L	98
30) Cyclohexane	4.571	56	835303	22.703	ug/L	99
31) Carbon tetrachloride	4.722	117	738079	20.395	ug/L	99
33) Benzene	4.998	78	2038950	20.827	ug/L	100
34) Trichloroethene	5.822	95	557370	20.826	ug/L	98
35) Methylcyclohexane	6.040	83	897564	22.212	ug/L	98
37) 1,2-Dichloropropane	6.082	63	512516	21.163	ug/L	99
38) Bromodichloromethane	6.423	83	679218	21.110	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	850670	23.561	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	3076834	233.652	ug/L	98
42) Toluene	7.304	91	2189766	21.411	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	710136	23.574	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	399259	20.552	ug/L	99
47) Tetrachloroethene	7.895	164	426694	20.319	ug/L	97
48) 2-Hexanone	8.066	43	2209949	244.325	ug/L	100
49) Dibromochloromethane	8.169	129	460388	21.983	ug/L	98
50) 1,2-Dibromoethane	8.272	107	390590	21.177	ug/L	98
51) Chlorobenzene	8.805	112	1449504	20.801	ug/L	98
52) Ethylbenzene	8.937	91	2469028	22.223	ug/L	98
53) m,p-Xylene	9.063	106	960371	22.929	ug/L	99
54) o-Xylene	9.468	106	932322	23.000	ug/L	99
55) Styrene	9.487	104	1625338	23.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	485705	20.946	ug/L	99
59) Bromoform	9.657	173	263022	23.705	ug/L	99
60) Isopropylbenzene	9.857	105	2498964	22.195	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	339599	20.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2093846	23.219	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	2117557	23.438	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	1199797	20.658	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1212459	20.292	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	1118038	20.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	84016	22.477	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	879986	20.600	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	819240	21.599	ug/L	98
71) Naphthalene	13.429	128	1539158	22.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	748802	20.920	ug/L	99

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

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