

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038171.D
 Acq On : 19 Nov 2024 10:53
 Operator : SY/MD
 Sample : VSTD02019
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020219

Quant Time: Nov 19 21:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	300941	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	312067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	174113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	454925	19.722	ug/L	0.00
7) Chloroethane-d5	1.529	69	360915	19.343	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	194927	19.637	ug/L	0.00
20) 2-Butanone-d5	3.786	46	1048859	238.403	ug/L	-0.01
24) Chloroform-d	4.236	84	891187	19.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	411374	20.334	ug/L	0.00
32) Benzene-d6	4.947	84	1680867	20.840	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	505309	20.408	ug/L	0.00
41) Toluene-d8	7.233	98	1602309	21.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	217548	24.106	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	906785	264.887	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	424875	20.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	605992	20.427	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	554396	19.471	ug/L	100
3) Chloromethane	1.214	50	436661	17.810	ug/L	99
5) Vinyl chloride	1.278	62	543333	19.557	ug/L	97
6) Bromomethane	1.484	94	217715	20.098	ug/L	99
8) Chloroethane	1.545	64	334740	17.219	ug/L	99
9) Trichlorofluoromethane	1.706	101	772458	19.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	436738	19.356	ug/L	99
12) 1,1-Dichloroethene	2.060	96	415521	19.331	ug/L	99
13) Acetone	2.130	43	673547	197.361	ug/L	98
14) Carbon disulfide	2.233	76	1387461	20.038	ug/L	99
15) Methyl Acetate	2.375	43	166292	19.800	ug/L	98
16) Methylene chloride	2.439	84	463356	18.904	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	1063914	21.892	ug/L	99
18) trans-1,2-Dichloroethene	2.683	96	457637	20.210	ug/L	97
19) 1,1-Dichloroethane	3.101	63	808389	19.667	ug/L	99
21) 2-Butanone	3.867	43	1060263	233.056	ug/L	95
22) cis-1,2-Dichloroethene	3.802	96	512168	21.875	ug/L	99
23) Bromochloromethane	4.133	128	228810	20.016	ug/L	96
25) Chloroform	4.262	83	856238	19.472	ug/L	99
27) 1,2-Dichloroethane	5.030	62	499252	20.866	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	746490	19.945	ug/L	100
30) Cyclohexane	4.571	56	698931	22.516	ug/L	99
31) Carbon tetrachloride	4.722	117	663175	20.085	ug/L	99
33) Benzene	4.998	78	1827782	20.852	ug/L	100
34) Trichloroethene	5.821	95	489182	20.472	ug/L	97
35) Methylcyclohexane	6.040	83	764445	22.613	ug/L	97
37) 1,2-Dichloropropane	6.082	63	456577	20.794	ug/L	100
38) Bromodichloromethane	6.423	83	603206	20.438	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	728610	24.542	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2594918	229.643	ug/L	97
42) Toluene	7.304	91	1978656	21.313	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	609631	23.911	ug/L	98

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45) 1,1,2-Trichloroethane	7.757	97	350972	19.710	ug/L	96
47) Tetrachloroethene	7.895	164	386697	20.139	ug/L	98
48) 2-Hexanone	8.066	43	1855814	237.951	ug/L	100
49) Dibromochloromethane	8.165	129	410659	21.153	ug/L	99
50) 1,2-Dibromoethane	8.271	107	343184	20.788	ug/L #	99
51) Chlorobenzene	8.805	112	1296940	20.277	ug/L	99
52) Ethylbenzene	8.937	91	2216980	22.511	ug/L	100
53) m,p-Xylene	9.062	106	860329	23.149	ug/L	97
54) o-Xylene	9.468	106	833839	23.047	ug/L	95
55) Styrene	9.487	104	1480811	23.529	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	417113	20.033	ug/L	99
59) Bromoform	9.657	173	227532	22.455	ug/L	100
60) Isopropylbenzene	9.857	105	2251905	22.455	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	291641	19.564	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	1876915	23.586	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1901061	23.957	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	1093057	20.300	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	1099504	20.198	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	1005626	20.178	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	70183	20.975	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	789527	20.699	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	711902	22.579	ug/L	97
71) Naphthalene	13.429	128	1185249	24.164	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	650502	22.328	ug/L	99

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

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