

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038017.D
 Acq On : 12 Nov 2024 13:13
 Operator : SY/MD
 Sample : VSTD01012
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010212

Quant Time: Nov 13 00:01:31 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	292753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	292006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	161898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	253167	9.935	ug/L	0.00
7) Chloroethane-d5	1.529	69	209424	10.083	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	106295	9.519	ug/L	0.00
20) 2-Butanone-d5	3.806	46	686000	123.417	ug/L	0.00
24) Chloroform-d	4.236	84	502483	10.462	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	248352	10.887	ug/L	0.00
32) Benzene-d6	4.947	84	967201	10.720	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	293869	10.071	ug/L	0.00
41) Toluene-d8	7.233	98	913994	11.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	126115	11.585	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	636074	128.734	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	258739	11.066	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	352148	10.461	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	310149	9.716	ug/L	99
3) Chloromethane	1.214	50	295926	9.993	ug/L	99
5) Vinyl chloride	1.278	62	300101	10.096	ug/L	100
6) Bromomethane	1.484	94	191943	10.143	ug/L	100
8) Chloroethane	1.545	64	180317	10.012	ug/L	97
9) Trichlorofluoromethane	1.709	101	406648	9.898	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	231055	9.742	ug/L	99
12) 1,1-Dichloroethene	2.063	96	221387	9.948	ug/L	97
13) Acetone	2.146	43	397707	95.280	ug/L	97
14) Carbon disulfide	2.233	76	747198	10.241	ug/L	99
15) Methyl Acetate	2.384	43	94845	11.092	ug/L	97
16) Methylene chloride	2.439	84	255158	9.681	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	597178	11.013	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	248928	10.336	ug/L	98
19) 1,1-Dichloroethane	3.101	63	436105	10.080	ug/L	98
21) 2-Butanone	3.886	43	616374	119.135	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	268207	10.597	ug/L	97
23) Bromochloromethane	4.137	128	125429	10.791	ug/L	98
25) Chloroform	4.262	83	466645	10.215	ug/L	100
27) 1,2-Dichloroethane	5.031	62	279580	10.883	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	404834	10.269	ug/L	98
30) Cyclohexane	4.571	56	374775	10.738	ug/L	100
31) Carbon tetrachloride	4.722	117	354857	10.337	ug/L	100
33) Benzene	4.998	78	992612	10.688	ug/L	100
34) Trichloroethene	5.825	95	265471	10.456	ug/L	99
35) Methylcyclohexane	6.040	83	407885	10.641	ug/L	98
37) 1,2-Dichloropropane	6.082	63	246532	10.731	ug/L	100
38) Bromodichloromethane	6.423	83	325015	10.648	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	390347	11.397	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	1499210	120.015	ug/L	100
42) Toluene	7.307	91	1068199	11.010	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	331481	11.600	ug/L	97

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45) 1,1,2-Trichloroethane	7.760	97	198970	10.797	ug/L	96
47) Tetrachloroethene	7.895	164	203168	10.199	ug/L	97
48) 2-Hexanone	8.066	43	1073571	125.119	ug/L	99
49) Dibromochloromethane	8.169	129	215129	10.829	ug/L	100
50) 1,2-Dibromoethane	8.275	107	190671	10.898	ug/L	100
51) Chlorobenzene	8.805	112	698200	10.562	ug/L	99
52) Ethylbenzene	8.937	91	1170688	11.108	ug/L	100
53) m,p-Xylene	9.063	106	456465	11.489	ug/L	99
54) o-Xylene	9.471	106	437219	11.370	ug/L	100
55) Styrene	9.487	104	786835	11.747	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	241743	10.990	ug/L	99
59) Bromoform	9.657	173	116766	10.971	ug/L	99
60) Isopropylbenzene	9.857	105	1171933	10.852	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	165629	10.472	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	970947	11.225	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	987957	11.400	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	573510	10.295	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	581260	10.142	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	539726	10.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	38110	10.629	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	410016	10.007	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	375179	10.312	ug/L	98
71) Naphthalene	13.429	128	711093	10.738	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	354321	10.320	ug/L	100

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

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