

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037243.D
 Acq On : 10 Sep 2024 11:32
 Operator : SY/MD
 Sample : VSTD02072
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02072

Quant Time: Sep 11 04:37:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	357332	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	350847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	186003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	391822	18.690	ug/L	0.00
7) Chloroethane-d5	1.529	69	403673	18.469	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	205986	19.027	ug/L	0.00
20) 2-Butanone-d5	3.799	46	1313211	230.837	ug/L	-0.02
24) Chloroform-d	4.236	84	983104	19.315	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	462705	19.415	ug/L	0.00
32) Benzene-d6	4.947	84	1905397	20.256	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	594454	19.477	ug/L	0.00
41) Toluene-d8	7.233	98	1730958	20.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	216379	22.486	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	1084816	240.215	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	464680	19.490	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	624521	18.885	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	680465	20.500	ug/L	100
3) Chloromethane	1.214	50	684351	19.323	ug/L	99
5) Vinyl chloride	1.282	62	689627	19.812	ug/L	99
6) Bromomethane	1.487	94	411165	19.690	ug/L	99
8) Chloroethane	1.548	64	413212	19.741	ug/L	99
9) Trichlorofluoromethane	1.709	101	891036	20.579	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	535191	20.410	ug/L	100
12) 1,1-Dichloroethene	2.063	96	502248	20.057	ug/L	97
13) Acetone	2.150	43	834896	200.050	ug/L	97
14) Carbon disulfide	2.233	76	1616765	20.476	ug/L	100
15) Methyl Acetate	2.384	43	205352	20.876	ug/L	99
16) Methylene chloride	2.439	84	536793	18.646	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	1246364	20.938	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	535226	20.315	ug/L	96
19) 1,1-Dichloroethane	3.101	63	998973	19.857	ug/L	99
21) 2-Butanone	3.880	43	1413500	229.705	ug/L	97
22) cis-1,2-Dichloroethene	3.802	96	590150	20.720	ug/L	99
23) Bromochloromethane	4.134	128	245412	19.896	ug/L	98
25) Chloroform	4.262	83	999802	19.727	ug/L	96
27) 1,2-Dichloroethane	5.031	62	595790	20.776	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	859509	20.660	ug/L	98
30) Cyclohexane	4.571	56	900576	22.314	ug/L	98
31) Carbon tetrachloride	4.722	117	739591	20.886	ug/L	99
33) Benzene	4.998	78	2197103	20.783	ug/L	100
34) Trichloroethene	5.822	95	593491	20.834	ug/L	98
35) Methylcyclohexane	6.040	83	974650	22.507	ug/L	99
37) 1,2-Dichloropropane	6.082	63	560668	21.530	ug/L	100
38) Bromodichloromethane	6.423	83	705581	20.955	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	886695	23.282	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	3313768	216.886	ug/L	98
42) Toluene	7.307	91	2358550	21.448	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	719397	23.191	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	393940	20.464	ug/L	98
47) Tetrachloroethene	7.895	164	431370	21.158	ug/L	99
48) 2-Hexanone	8.069	43	2405867	228.564	ug/L	100
49) Dibromochloromethane	8.169	129	441334	21.884	ug/L	100
50) 1,2-Dibromoethane	8.275	107	381839	20.994	ug/L	95
51) Chlorobenzene	8.805	112	1517827	20.729	ug/L	99
52) Ethylbenzene	8.937	91	2693297	21.945	ug/L	100
53) m,p-Xylene	9.066	106	1021943	22.632	ug/L	99
54) o-Xylene	9.471	106	992289	22.197	ug/L	100
55) Styrene	9.487	104	1719041	22.682	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.172	83	481492	20.705	ug/L	97
59) Bromoform	9.657	173	236481	21.733	ug/L	100
60) Isopropylbenzene	9.860	105	2688687	21.596	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	334994	19.792	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	2240426	22.694	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	2271896	22.910	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1226967	20.847	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	1220600	20.223	ug/L	98
67) 1,2-Dichlorobenzene	11.571	146	1103825	20.230	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	73726	21.811	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	908393	21.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	790773	22.889	ug/L	99
71) Naphthalene	13.432	128	1266649	23.990	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	644987	22.561	ug/L	98

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

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