

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037536.D
 Acq On : 26 Sep 2024 09:29
 Operator : SY/MD
 Sample : VSTD10003
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100203

Quant Time: Sep 27 00:15:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	696733	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	676163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	365489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	642795	105.097	ug/L	0.00
7) Chloroethane-d5	1.532	69	495130	104.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	269358	105.412	ug/L	0.00
21) 2-Butanone-d5	3.786	46	461087	216.408	ug/L	0.00
24) Chloroform-d	4.243	84	1130877	103.927	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	656900	103.137	ug/L	0.00
32) Benzene-d6	4.953	84	2221839	105.009	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	699101	100.397	ug/L	0.00
41) Toluene-d8	7.236	98	2069736	107.878	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	338363	108.109	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	327611	239.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	807298	103.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	799935	103.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	607198	102.371	ug/L	99
3) Chloromethane	1.217	50	583391	101.312	ug/L	100
5) Vinyl chloride	1.285	62	630549	102.139	ug/L	99
6) Bromomethane	1.487	94	354721	103.539	ug/L	99
8) Chloroethane	1.548	64	385464	101.304	ug/L	99
9) Trichlorofluoromethane	1.712	101	841698	101.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	503593	101.415	ug/L	99
12) 1,1-Dichloroethene	2.069	96	475598	102.533	ug/L	93
13) Acetone	2.111	43	414055	193.885	ug/L	98
14) Carbon disulfide	2.240	76	1450421	100.175	ug/L	100
15) Methyl Acetate	2.371	43	384667	103.215	ug/L	98
16) Methylene chloride	2.445	84	520536	99.111	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	492070	100.277	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1460593	103.746	ug/L	100
19) 1,1-Dichloroethane	3.105	63	946101	100.629	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	577003	105.076	ug/L	99
22) 2-Butanone	3.867	43	497475	216.676	ug/L	99
23) Bromochloromethane	4.140	128	289823	102.031	ug/L	100
25) Chloroform	4.268	83	981565	100.836	ug/L	100
27) 1,2-Dichloroethane	5.034	62	713534	103.832	ug/L	99
29) Cyclohexane	4.574	56	823333	107.245	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	847817	101.805	ug/L	99
31) Carbon tetrachloride	4.725	117	741806	102.455	ug/L	99
33) Benzene	5.002	78	2107556	103.350	ug/L	100
34) Trichloroethene	5.825	95	557601	102.675	ug/L	99
35) Methylcyclohexane	6.043	83	894470	107.065	ug/L	100
37) 1,2-Dichloropropane	6.088	63	558784	106.112	ug/L	99
38) Bromodichloromethane	6.426	83	734997	104.413	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	903600	107.497	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	947163	224.879	ug/L	98
42) Toluene	7.307	91	2254843	106.660	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	837801	110.706	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	524594	103.751	ug/L	99
46) Tetrachloroethene	7.899	164	421687	101.559	ug/L	98
48) 2-Hexanone	8.069	43	714965	228.724	ug/L	99
49) Dibromochloromethane	8.169	129	561715	104.965	ug/L	99
50) 1,2-Dibromoethane	8.275	107	543829	104.048	ug/L	100
51) Chlorobenzene	8.805	112	1475333	102.432	ug/L	99
52) Ethylbenzene	8.940	91	2559775	107.568	ug/L	100
53) m,p-Xylene	9.066	106	966989	109.185	ug/L	99
54) o-Xylene	9.471	106	951405	110.034	ug/L	96
55) Styrene	9.487	104	1674107	111.220	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	720607	102.220	ug/L	100
59) Bromoform	9.657	173	379743	106.305	ug/L	98
60) Isopropylbenzene	9.860	105	2552183	107.407	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	523322	100.625	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2103149	111.951	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	2119156	113.373	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	1192474	104.261	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	1217599	102.237	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	1169058	103.396	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	132637	105.063	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	826331	105.061	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	788933	108.112	ug/L	99
71) Naphthalene	13.429	128	2185282	114.619	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	771234	107.022	ug/L	99

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

