

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102124\
 Data File : VV037905.D
 Acq On : 21 Oct 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050315

Quant Time: Oct 22 05:09:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	480147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	484443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182366	43.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.540%
7) Chloroethane-d5	1.532	69	163563	49.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.980%
11) 1,1-Dichloroethene-d2	2.056	65	86063	48.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.740%
21) 2-Butanone-d5	3.796	46	181820	121.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.110%
24) Chloroform-d	4.243	84	430760	57.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.880%
26) 1,2-Dichloroethane-d4	4.937	65	254057	57.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.760%
32) Benzene-d6	4.950	84	804967	53.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	5.982	67	256729	53.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	7.236	98	741805	53.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.940%
43) trans-1,3-Dichloroprop...	7.548	79	115107	51.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.660%
47) 2-Hexanone-d5	8.024	63	121700	119.396	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323407	57.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.320%
66) 1,2-Dichlorobenzene-d4	11.551	152	297143	51.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	184036	45.024	ug/L	98
3) Chloromethane	1.217	50	193587	48.783	ug/L	98
5) Vinyl chloride	1.285	62	205884	48.394	ug/L	100
6) Bromomethane	1.487	94	116494	49.342	ug/L	99
8) Chloroethane	1.548	64	135384	51.630	ug/L	98
9) Trichlorofluoromethane	1.712	101	306941	53.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	182788	53.415	ug/L	99
12) 1,1-Dichloroethene	2.069	96	166991	52.241	ug/L	82
13) Acetone	2.114	43	140019	95.140	ug/L	98
14) Carbon disulfide	2.236	76	400695	40.158	ug/L	100
15) Methyl Acetate	2.372	43	167491	65.214	ug/L	99
16) Methylene chloride	2.442	84	204200	56.418	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	179663	53.128	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	624382	64.356	ug/L	100
19) 1,1-Dichloroethane	3.101	63	380395	58.710	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	216633	57.246	ug/L	99
22) 2-Butanone	3.879	43	183727	112.789	ug/L	99
23) Bromochloromethane	4.140	128	120859	61.741	ug/L	93
25) Chloroform	4.269	83	409178	60.996	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	296192	62.544	ug/L	98
29) Cyclohexane	4.571	56	238715	43.400	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	334855	56.122	ug/L	100
31) Carbon tetrachloride	4.725	117	287056	55.337	ug/L	99
33) Benzene	5.002	78	821432	56.223	ug/L	100
34) Trichloroethene	5.825	95	211966	54.478	ug/L	99
35) Methylcyclohexane	6.040	83	274947	45.935	ug/L	99
37) 1,2-Dichloropropane	6.088	63	222654	59.016	ug/L	100
38) Bromodichloromethane	6.426	83	305073	60.490	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	352542	58.538	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	406387	132.295	ug/L	99
42) Toluene	7.307	91	871382	57.531	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	321263	59.252	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	228523	63.082	ug/L	99
46) Tetrachloroethene	7.899	164	155073	52.128	ug/L	98
48) 2-Hexanone	8.072	43	288714	120.872	ug/L	97
49) Dibromochloromethane	8.169	129	239808	62.546	ug/L	99
50) 1,2-Dibromoethane	8.275	107	224796	60.030	ug/L	100
51) Chlorobenzene	8.805	112	588690	57.048	ug/L	100
52) Ethylbenzene	8.940	91	948632	55.640	ug/L	99
53) m,p-Xylene	9.066	106	369834	58.285	ug/L	98
54) o-Xylene	9.471	106	353781	57.109	ug/L	97
55) Styrene	9.487	104	656956	60.918	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	318393	63.039	ug/L	97
59) Bromoform	9.657	173	165121	61.331	ug/L	97
60) Isopropylbenzene	9.860	105	956739	53.423	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	237855	60.682	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	759061	53.611	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	771673	54.777	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	475707	55.186	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	494939	55.140	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	482722	56.648	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	55708	58.549	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	315634	53.246	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	288386	52.435	ug/L	100
71) Naphthalene	13.432	128	772123	53.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	293062	53.959	ug/L	98

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

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