

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037640.D
 Acq On : 28 Sep 2024 03:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Sep 28 04:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	621536	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	607589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	331485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	203981	37.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.780%		
7) Chloroethane-d5	1.532	69	181937	42.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.920%		
11) 1,1-Dichloroethene-d2	2.059	65	96111	42.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.320%		
21) 2-Butanone-d5	3.793	46	173191	89.120	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.120%		
24) Chloroform-d	4.243	84	482627	49.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.440%		
26) 1,2-Dichloroethane-d4	4.937	65	286824	50.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
32) Benzene-d6	4.953	84	911312	47.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
36) 1,2-Dichloropropane-d6	5.982	67	301170	49.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.500%		
41) Toluene-d8	7.236	98	853559	49.510	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.020%		
43) trans-1,3-Dichloroprop...	7.548	79	130496	46.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.800%		
47) 2-Hexanone-d5	8.024	63	123410	96.535	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.530%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	355584	50.548	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.100%		
66) 1,2-Dichlorobenzene-d4	11.554	152	344673	49.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	273835	51.753	ug/L	99
3) Chloromethane	1.217	50	266800	51.938	ug/L	100
5) Vinyl chloride	1.285	62	283733	51.521	ug/L	100
6) Bromomethane	1.487	94	152400	49.866	ug/L	98
8) Chloroethane	1.548	64	175843	51.804	ug/L	100
9) Trichlorofluoromethane	1.715	101	393764	53.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	226139	51.050	ug/L	99
12) 1,1-Dichloroethene	2.069	96	216959	52.432	ug/L	85
13) Acetone	2.111	43	124332	65.263	ug/L	99
14) Carbon disulfide	2.240	76	638724	49.452	ug/L	100
15) Methyl Acetate	2.371	43	170017	51.139	ug/L	99
16) Methylene chloride	2.445	84	242835	51.830	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	226356	51.709	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	659255	52.492	ug/L	99
19) 1,1-Dichloroethane	3.104	63	445466	53.113	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	260953	53.271	ug/L	98
22) 2-Butanone	3.873	43	170466	80.842	ug/L	100
23) Bromochloromethane	4.140	128	132467	52.277	ug/L	99
25) Chloroform	4.272	83	457666	52.704	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320820	52.334	ug/L	99
29) Cyclohexane	4.574	56	349639	50.683	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	392513	52.452	ug/L	100
31) Carbon tetrachloride	4.728	117	340164	52.284	ug/L	100
33) Benzene	5.005	78	971894	53.039	ug/L	100
34) Trichloroethene	5.825	95	254036	52.057	ug/L	98
35) Methylcyclohexane	6.043	83	375924	50.075	ug/L	99
37) 1,2-Dichloropropane	6.088	63	251591	53.170	ug/L	99
38) Bromodichloromethane	6.429	83	333175	52.672	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	366816	48.564	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	392599	101.902	ug/L	99
42) Toluene	7.310	91	1035551	54.513	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	335530	49.341	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	240045	52.833	ug/L	99
46) Tetrachloroethene	7.898	164	190857	51.154	ug/L	98
48) 2-Hexanone	8.072	43	276480	92.290	ug/L	98
49) Dibromochloromethane	8.169	129	254525	52.930	ug/L	100
50) 1,2-Dibromoethane	8.275	107	243247	51.792	ug/L	100
51) Chlorobenzene	8.808	112	682747	52.753	ug/L	98
52) Ethylbenzene	8.940	91	1138737	53.253	ug/L	99
53) m,p-Xylene	9.066	106	432613	54.360	ug/L	98
54) o-Xylene	9.471	106	418966	53.924	ug/L	96
55) Styrene	9.490	104	752723	55.652	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	323961	51.141	ug/L	97
59) Bromoform	9.657	173	166368	51.351	ug/L	98
60) Isopropylbenzene	9.860	105	1125672	52.233	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	233457	49.494	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	897269	52.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	897806	52.959	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	532035	51.289	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	546109	50.558	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	521419	50.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	50108	43.762	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	341211	47.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	305831	46.209	ug/L	99
71) Naphthalene	13.432	128	771922	44.641	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	307178	46.999	ug/L	99

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

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