

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037166.D
 Acq On : 29 Aug 2024 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050379

Quant Time: Aug 29 23:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	581615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	566896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	289996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207550	39.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.020%
7) Chloroethane-d5	1.529	69	177052	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.056	65	95353	42.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	3.793	46	215369	104.532	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.530%
24) Chloroform-d	4.243	84	404237	48.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	4.937	65	249647	47.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
32) Benzene-d6	4.953	84	781014	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
36) 1,2-Dichloropropane-d6	5.986	67	251898	46.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.236	98	701036	45.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.740%
43) trans-1,3-Dichloroprop...	7.551	79	112904	45.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.024	63	153096	104.598	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	330615	50.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	269615	46.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	253928	51.665	ug/L	100
3) Chloromethane	1.217	50	255436	46.213	ug/L	99
5) Vinyl chloride	1.282	62	273503	52.709	ug/L	100
6) Bromomethane	1.484	94	152432	52.426	ug/L	99
8) Chloroethane	1.548	64	175494	55.293	ug/L	97
9) Trichlorofluoromethane	1.712	101	362146	53.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	218559	54.265	ug/L	99
12) 1,1-Dichloroethene	2.069	96	200259	52.776	ug/L	93
13) Acetone	2.111	43	169118	76.536	ug/L	100
14) Carbon disulfide	2.236	76	561808	48.771	ug/L	98
15) Methyl Acetate	2.372	43	214995	58.036	ug/L	100
16) Methylene chloride	2.442	84	234664	54.812	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	214577	54.473	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	676819	54.620	ug/L	100
19) 1,1-Dichloroethane	3.105	63	425470	54.388	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	229259	52.669	ug/L	98
22) 2-Butanone	3.876	43	233274	95.885	ug/L	99
23) Bromochloromethane	4.140	128	114017	53.361	ug/L	94
25) Chloroform	4.269	83	417070	52.643	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	315494	54.287	ug/L	99
29) Cyclohexane	4.574	56	337569	50.645	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	345414	52.954	ug/L	99
31) Carbon tetrachloride	4.725	117	289232	52.549	ug/L	99
33) Benzene	5.002	78	880517	53.821	ug/L	100
34) Trichloroethene	5.828	95	224053	51.886	ug/L	97
35) Methylcyclohexane	6.043	83	360308	51.356	ug/L	98
37) 1,2-Dichloropropane	6.088	63	235015	53.583	ug/L	99
38) Bromodichloromethane	6.429	83	296910	52.817	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	360665	52.108	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	500409	112.224	ug/L	99
42) Toluene	7.310	91	925850	54.353	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	317308	51.289	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	224901	55.084	ug/L	99
46) Tetrachloroethene	7.899	164	162407	52.418	ug/L	98
48) 2-Hexanone	8.072	43	354733	102.865	ug/L	99
49) Dibromochloromethane	8.172	129	214581	52.487	ug/L	99
50) 1,2-Dibromoethane	8.278	107	225898	54.676	ug/L	100
51) Chlorobenzene	8.809	112	595060	52.767	ug/L	99
52) Ethylbenzene	8.940	91	1033058	53.692	ug/L	99
53) m,p-Xylene	9.069	106	383445	53.788	ug/L	98
54) o-Xylene	9.474	106	370923	53.141	ug/L	99
55) Styrene	9.490	104	661151	54.589	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	331707	54.855	ug/L	99
59) Bromoform	9.661	173	138534	51.301	ug/L	100
60) Isopropylbenzene	9.863	105	1002287	53.313	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	249426	55.290	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	817629	53.156	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	820517	53.453	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	449657	51.797	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	461916	51.987	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	450523	52.780	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59204	52.624	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	304916	50.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	285231	50.146	ug/L	100
71) Naphthalene	13.432	128	885332	53.903	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	291368	51.980	ug/L	100

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

