

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037118.D
 Acq On : 28 Aug 2024 03:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Aug 28 06:03:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	619327	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	593722	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	300652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242991	42.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.529	69	195012	44.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	2.056	65	105857	44.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.920%
21) 2-Butanone-d5	3.793	46	231519	105.528	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.530%
24) Chloroform-d	4.243	84	441587	49.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.937	65	270713	48.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
32) Benzene-d6	4.953	84	854642	47.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	5.986	67	269823	48.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.080%
41) Toluene-d8	7.236	98	762955	47.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	7.551	79	112611	43.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.680%
47) 2-Hexanone-d5	8.024	63	173899	113.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346775	50.906	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.820%
66) 1,2-Dichlorobenzene-d4	11.554	152	283700	47.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	261870	50.037	ug/L	99
3) Chloromethane	1.217	50	254261	43.199	ug/L	98
5) Vinyl chloride	1.282	62	287843	52.095	ug/L	99
6) Bromomethane	1.484	94	160299	51.775	ug/L	98
8) Chloroethane	1.548	64	179236	53.033	ug/L	99
9) Trichlorofluoromethane	1.712	101	374817	51.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	216672	50.521	ug/L	100
12) 1,1-Dichloroethene	2.069	96	211743	52.405	ug/L	95
13) Acetone	2.111	43	171685	72.967	ug/L	99
14) Carbon disulfide	2.236	76	611720	49.870	ug/L	99
15) Methyl Acetate	2.372	43	226680	57.465	ug/L	100
16) Methylene chloride	2.442	84	242407	53.173	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	221155	52.724	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	728419	55.205	ug/L	99
19) 1,1-Dichloroethane	3.105	63	446535	53.605	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	244679	52.789	ug/L	97
22) 2-Butanone	3.876	43	246314	95.080	ug/L	99
23) Bromochloromethane	4.140	128	120002	52.742	ug/L	98
25) Chloroform	4.272	83	430734	51.057	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	328981	53.161	ug/L	98
29) Cyclohexane	4.571	56	358103	51.298	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	358913	52.537	ug/L	99
31) Carbon tetrachloride	4.728	117	306384	53.150	ug/L	99
33) Benzene	5.002	78	922987	53.868	ug/L	100
34) Trichloroethene	5.828	95	240715	53.226	ug/L	98
35) Methylcyclohexane	6.043	83	364515	49.608	ug/L	98
37) 1,2-Dichloropropane	6.088	63	240398	52.334	ug/L	99
38) Bromodichloromethane	6.429	83	316827	53.813	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	351506	48.490	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	530766	113.654	ug/L	99
42) Toluene	7.310	91	961566	53.899	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	308245	47.573	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	230201	53.834	ug/L	98
46) Tetrachloroethene	7.899	164	163246	50.308	ug/L	95
48) 2-Hexanone	8.072	43	376972	104.375	ug/L	97
49) Dibromochloromethane	8.172	129	226176	52.823	ug/L	100
50) 1,2-Dibromoethane	8.278	107	237243	54.828	ug/L	98
51) Chlorobenzene	8.809	112	615595	52.122	ug/L	99
52) Ethylbenzene	8.940	91	1080606	53.625	ug/L	100
53) m,p-Xylene	9.069	106	399350	53.488	ug/L	98
54) o-Xylene	9.474	106	390604	53.432	ug/L	98
55) Styrene	9.490	104	684336	53.951	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	348280	54.994	ug/L	100
59) Bromoform	9.661	173	147937	52.842	ug/L	98
60) Isopropylbenzene	9.863	105	1055817	54.169	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	261434	55.898	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	858137	53.813	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	865818	54.405	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	470539	52.281	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	477965	51.887	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	462267	52.236	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	62824	53.863	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	308679	49.290	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	297704	50.484	ug/L	99
71) Naphthalene	13.432	128	987252	57.978	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	305534	52.576	ug/L	100

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

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