

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
 Data File : VV036825.D
 Acq On : 07 Aug 2024 08:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Quant Time: Aug 08 02:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 04:57:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	479450	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	452139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	222331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	144555	37.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.500%
7) Chloroethane-d5	1.529	69	125156	41.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.880%
11) 1,1-Dichloroethene-d2	2.056	65	64729	39.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.040%
21) 2-Butanone-d5	3.793	46	170812	84.187	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.190%
24) Chloroform-d	4.240	84	317154	46.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
26) 1,2-Dichloroethane-d4	4.934	65	199467	45.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
32) Benzene-d6	4.950	84	600669	43.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
36) 1,2-Dichloropropane-d6	5.982	67	198833	45.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.260%
41) Toluene-d8	7.236	98	535341	42.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.460%
43) trans-1,3-Dichloroprop...	7.548	79	99349	43.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.660%
47) 2-Hexanone-d5	8.024	63	106659	84.198	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	233815	46.221	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	11.555	152	206012	45.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	207800	54.356	ug/L	99
3) Chloromethane	1.217	50	209685	52.411	ug/L	100
5) Vinyl chloride	1.282	62	214122	52.116	ug/L	98
6) Bromomethane	1.487	94	130561	50.473	ug/L	99
8) Chloroethane	1.548	64	131546	51.689	ug/L	100
9) Trichlorofluoromethane	1.712	101	273630	50.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	165961	52.336	ug/L	100
12) 1,1-Dichloroethene	2.069	96	152435	50.331	ug/L	90
13) Acetone	2.111	43	158507	93.372	ug/L	98
14) Carbon disulfide	2.237	76	467003	49.088	ug/L	99
15) Methyl Acetate	2.372	43	150125	42.929	ug/L	99
16) Methylene chloride	2.442	84	171929	50.496	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	159320	50.785	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	524018	47.427	ug/L	99
19) 1,1-Dichloroethane	3.105	63	317432	50.083	ug/L	97
20) cis-1,2-Dichloroethene	3.806	96	185921	50.493	ug/L	99
22) 2-Butanone	3.873	43	196703	86.495	ug/L	100
23) Bromochloromethane	4.140	128	89706	50.153	ug/L	97
25) Chloroform	4.269	83	328830	50.513	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	249727	48.633	ug/L	100
29) Cyclohexane	4.571	56	296708	51.505	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	282704	49.629	ug/L	99
31) Carbon tetrachloride	4.725	117	240274	50.225	ug/L	100
33) Benzene	5.002	78	699825	51.749	ug/L	100
34) Trichloroethene	5.825	95	190700	48.656	ug/L	97
35) Methylcyclohexane	6.040	83	307962	51.206	ug/L	99
37) 1,2-Dichloropropane	6.088	63	182892	51.052	ug/L	100
38) Bromodichloromethane	6.426	83	245513	49.766	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	302242	49.261	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	381429	85.949	ug/L	100
42) Toluene	7.310	91	735930	51.091	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	280230	49.015	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	170499	49.144	ug/L	99
46) Tetrachloroethene	7.899	164	130817	50.885	ug/L	99
48) 2-Hexanone	8.072	43	281393	86.190	ug/L	99
49) Dibromochloromethane	8.172	129	174676	48.994	ug/L	99
50) 1,2-Dibromoethane	8.278	107	174660	48.522	ug/L	98
51) Chlorobenzene	8.809	112	470433	50.900	ug/L	100
52) Ethylbenzene	8.940	91	843372	51.278	ug/L	100
53) m,p-Xylene	9.066	106	310879	50.568	ug/L	99
54) o-Xylene	9.471	106	304141	50.581	ug/L	97
55) Styrene	9.490	104	524037	50.855	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	224947	48.052	ug/L	99
59) Bromoform	9.661	173	114825	46.684	ug/L	98
60) Isopropylbenzene	9.860	105	831220	51.354	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	183545	45.860	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	689441	51.162	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	689946	51.146	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	357860	51.413	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	361235	51.035	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	352494	51.853	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	46519	40.221	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	253400	51.300	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	237534	50.139	ug/L	99
71) Naphthalene	13.432	128	664529	43.742	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	226697	48.885	ug/L	99

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

