

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037093.D
 Acq On : 27 Aug 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050374

Quant Time: Aug 28 04:23:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	665298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	317417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257511	42.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.620%
7) Chloroethane-d5	1.529	69	211326	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.860%
11) 1,1-Dichloroethene-d2	2.056	65	117156	45.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.600%
21) 2-Butanone-d5	3.796	46	245584	104.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.243	84	466963	49.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.060%
26) 1,2-Dichloroethane-d4	4.937	65	294769	49.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	4.953	84	881552	46.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	5.986	67	275938	46.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.580%
41) Toluene-d8	7.236	98	811939	47.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	7.548	79	134047	48.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
47) 2-Hexanone-d5	8.024	63	207786	127.720	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	370471	51.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	302952	47.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	285086	50.709	ug/L	99
3) Chloromethane	1.217	50	263006	41.597	ug/L	98
5) Vinyl chloride	1.282	62	308089	51.906	ug/L	99
6) Bromomethane	1.484	94	163807	49.252	ug/L	99
8) Chloroethane	1.545	64	185446	51.079	ug/L	99
9) Trichlorofluoromethane	1.709	101	412506	53.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	238964	51.869	ug/L	99
12) 1,1-Dichloroethene	2.066	96	228697	52.690	ug/L	98
13) Acetone	2.111	43	198993	78.729	ug/L	99
14) Carbon disulfide	2.236	76	661711	50.218	ug/L	100
15) Methyl Acetate	2.372	43	259566	61.255	ug/L	100
16) Methylene chloride	2.442	84	254374	51.943	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	241275	53.546	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	822132	58.001	ug/L	99
19) 1,1-Dichloroethane	3.101	63	476613	53.262	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	258957	52.009	ug/L	99
22) 2-Butanone	3.876	43	283331	101.812	ug/L	100
23) Bromochloromethane	4.140	128	123920	50.701	ug/L	98
25) Chloroform	4.269	83	452420	49.922	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	359634	54.099	ug/L	97
29) Cyclohexane	4.571	56	387129	52.253	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	384571	53.042	ug/L	99
31) Carbon tetrachloride	4.725	117	328224	53.650	ug/L	100
33) Benzene	5.002	78	946545	52.052	ug/L	100
34) Trichloroethene	5.828	95	247003	51.462	ug/L	99
35) Methylcyclohexane	6.040	83	402015	51.552	ug/L	99
37) 1,2-Dichloropropane	6.088	63	241997	49.639	ug/L	99
38) Bromodichloromethane	6.429	83	329720	52.768	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	403514	52.449	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	598928	120.842	ug/L	99
42) Toluene	7.310	91	1010129	53.351	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	365096	53.092	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	238813	52.622	ug/L	99
46) Tetrachloroethene	7.899	164	175456	50.948	ug/L	96
48) 2-Hexanone	8.075	43	434652	113.394	ug/L	99
49) Dibromochloromethane	8.172	129	236488	52.042	ug/L	99
50) 1,2-Dibromoethane	8.278	107	249600	54.352	ug/L	100
51) Chlorobenzene	8.809	112	645592	51.504	ug/L	100
52) Ethylbenzene	8.940	91	1144922	53.535	ug/L	100
53) m,p-Xylene	9.069	106	420438	53.060	ug/L	98
54) o-Xylene	9.474	106	414897	53.477	ug/L	100
55) Styrene	9.490	104	723326	53.731	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	372221	55.379	ug/L	98
59) Bromoform	9.661	173	159258	53.881	ug/L	99
60) Isopropylbenzene	9.863	105	1134370	55.126	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	282843	57.281	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	930537	55.271	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	940550	55.980	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	496815	52.285	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	506080	52.037	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	485344	51.947	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	76503	62.126	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	344421	52.093	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	333021	53.490	ug/L	100
71) Naphthalene	13.432	128	1119036	62.246	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	328738	53.581	ug/L	99

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

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