

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036823.D
 Acq On : 06 Aug 2024 19:02
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050347

Quant Time: Aug 07 05:06:11 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	5.529	114	478428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	440419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215571	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154062	40.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.529	69	127923	42.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.900%
11) 1,1-Dichloroethene-d2	2.056	65	66802	40.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
21) 2-Butanone-d5	3.796	46	174794	86.334	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.330%
24) Chloroform-d	4.243	84	306402	44.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	4.937	65	200295	45.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	4.953	84	606609	45.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.986	67	197472	46.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.020%
41) Toluene-d8	7.239	98	536846	43.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.551	79	93268	41.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	8.024	63	123135	99.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.790%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	237717	48.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	198203	45.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	173960	45.602	ug/L	99
3) Chloromethane	1.217	50	192778	48.288	ug/L	100
5) Vinyl chloride	1.282	62	190893	46.561	ug/L	99
6) Bromomethane	1.484	94	118160	45.776	ug/L	98
8) Chloroethane	1.545	64	118059	46.489	ug/L	98
9) Trichlorofluoromethane	1.709	101	231482	43.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	129084	40.793	ug/L	99
12) 1,1-Dichloroethene	2.066	96	133498	44.173	ug/L	96
13) Acetone	2.111	43	125095	73.848	ug/L	99
14) Carbon disulfide	2.236	76	394462	41.551	ug/L	99
15) Methyl Acetate	2.372	43	160660	46.039	ug/L	97
16) Methylene chloride	2.442	84	155803	45.857	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	140724	44.953	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	511576	46.400	ug/L	99
19) 1,1-Dichloroethane	3.105	63	292075	46.181	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	168977	45.989	ug/L	98
22) 2-Butanone	3.876	43	191484	84.380	ug/L	97
23) Bromochloromethane	4.140	128	83734	46.915	ug/L	95
25) Chloroform	4.272	83	300915	46.323	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	234236	45.713	ug/L	100
29) Cyclohexane	4.571	56	237216	42.273	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	245764	44.292	ug/L	100
31) Carbon tetrachloride	4.725	117	201542	43.250	ug/L	100
33) Benzene	5.002	78	629575	47.793	ug/L	100
34) Trichloroethene	5.828	95	169729	44.458	ug/L	97
35) Methylcyclohexane	6.043	83	240215	41.004	ug/L	98
37) 1,2-Dichloropropane	6.092	63	172283	49.370	ug/L	100
38) Bromodichloromethane	6.429	83	219821	45.744	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	260523	43.592	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	407127	94.181	ug/L	98
42) Toluene	7.310	91	644276	45.918	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	242870	43.610	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	160925	47.619	ug/L	99
46) Tetrachloroethene	7.902	164	106611	42.573	ug/L	99
48) 2-Hexanone	8.075	43	298663	93.914	ug/L	98
49) Dibromochloromethane	8.172	129	161944	46.632	ug/L	100
50) 1,2-Dibromoethane	8.278	107	168753	48.129	ug/L	98
51) Chlorobenzene	8.809	112	405356	45.026	ug/L	100
52) Ethylbenzene	8.944	91	715112	44.637	ug/L	98
53) m,p-Xylene	9.069	106	261190	43.616	ug/L	99
54) o-Xylene	9.474	106	264583	45.173	ug/L	100
55) Styrene	9.490	104	460944	45.923	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	226909	49.761	ug/L	100
59) Bromoform	9.661	173	109328	45.843	ug/L	98
60) Isopropylbenzene	9.863	105	688755	43.886	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	187397	48.290	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	571988	43.777	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	584944	44.722	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	307731	45.597	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	308412	44.939	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	306530	46.506	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49332	43.991	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	207548	43.335	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	203004	44.194	ug/L	100
71) Naphthalene	13.432	128	664643	45.122	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	200083	44.499	ug/L	100

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

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