

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081822\
 Data File : VV027425.D
 Acq On : 17 Aug 2022 18:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050339

Quant Time: Aug 18 02:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	309420	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	312716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	185747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101577	48.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.300%
7) Chloroethane-d5	1.565	69	65835	42.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.380%
11) 1,1-Dichloroethene-d2	2.108	63	222315	57.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.220%
21) 2-Butanone-d5	3.880	46	146396	77.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.343	84	201414	46.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.027	65	132765	49.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	5.047	84	394543	52.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
36) 1,2-Dichloropropane-d6	6.066	67	123330	46.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.313	98	360817	56.448	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.900%
43) trans-1,3-Dichloroprop...	7.619	79	56389	48.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.000%
47) 2-Hexanone-d5	8.088	63	101860	79.280	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	175473	40.365	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.720%
66) 1,2-Dichlorobenzene-d4	11.622	152	129635	40.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	126683	46.024	ug/L	100
3) Chloromethane	1.240	50	124818	39.693	ug/L	99
5) Vinyl chloride	1.310	62	126937	40.522	ug/L	99
6) Bromomethane	1.519	94	51847	35.109	ug/L	96
8) Chloroethane	1.581	64	73226	41.960	ug/L	99
9) Trichlorofluoromethane	1.751	101	208430	51.856	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	126153	56.602	ug/L	97
12) 1,1-Dichloroethene	2.118	96	110325	51.458	ug/L	85
13) Acetone	2.166	43	168760	116.554	ug/L	89
14) Carbon disulfide	2.291	76	277103	37.976	ug/L	100
15) Methyl Acetate	2.426	43	168249	51.089	ug/L	# 84
16) Methylene chloride	2.503	84	145733	50.887	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	115606	48.726	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	407516	57.752	ug/L	# 94
19) 1,1-Dichloroethane	3.185	63	252477	53.010	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	136985	55.580	ug/L	90
22) 2-Butanone	3.960	43	229113	115.419	ug/L	99
23) Bromochloromethane	4.243	128	79137	57.499	ug/L	86
25) Chloroform	4.371	83	273988	56.923	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	214408	57.195	ug/L #	93
29) Cyclohexane	4.674	56	183287	50.892	ug/L	91
30) 1,1,1-Trichloroethane	4.603	97	237073	57.197	ug/L	96
31) Carbon tetrachloride	4.825	117	205335	57.060	ug/L	97
33) Benzene	5.095	78	544773	54.210	ug/L	100
34) Trichloroethene	5.908	95	131755	51.205	ug/L	94
35) Methylcyclohexane	6.127	83	192548	50.890	ug/L	92
37) 1,2-Dichloropropane	6.169	63	153994	54.699	ug/L	100
38) Bromodichloromethane	6.506	83	205294	55.653	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	210666	56.491	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	463345	115.366	ug/L #	91
42) Toluene	7.384	91	569417	55.730	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	211977	57.842	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	150710	55.542	ug/L	98
46) Tetrachloroethene	7.973	164	100531	53.380	ug/L	98
48) 2-Hexanone	8.137	43	370252	115.750	ug/L #	89
49) Dibromochloromethane	8.243	129	166573	58.074	ug/L	100
50) 1,2-Dibromoethane	8.349	107	151773	54.360	ug/L	97
51) Chlorobenzene	8.879	112	367024	53.554	ug/L	96
52) Ethylbenzene	9.011	91	591034	56.059	ug/L	99
53) m,p-Xylene	9.137	106	227663	57.137	ug/L	93
54) o-Xylene	9.542	106	226143	58.256	ug/L	97
55) Styrene	9.558	104	416539	60.913	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	247609	54.471	ug/L	100
59) Bromoform	9.728	173	114384	51.831	ug/L	100
60) Isopropylbenzene	9.931	105	597971	51.084	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	202105	47.395	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	499374	51.658	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	507896	53.632	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	295223	52.037	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	303390	50.813	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	302136	50.827	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	56395	47.139	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	208332	54.673	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	175802	55.549	ug/L	99
71) Naphthalene	13.500	128	554017	51.123	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	197988	56.440	ug/L	99

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

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