

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080921\
 Data File : VV021762.D
 Acq On : 09 Aug 2021 14:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050302

Quant Time: Aug 10 01:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 10 01:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	425180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	400708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93893	35.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.320%
7) Chloroethane-d5	1.565	69	87575	39.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.108	63	180792	37.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.720%
21) 2-Butanone-d5	3.873	46	231248	100.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.820%
24) Chloroform-d	4.346	84	263335	46.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.031	65	158322	46.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
32) Benzene-d6	5.050	84	517321	45.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	6.069	67	169666	47.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.260%
41) Toluene-d8	7.317	98	476961	45.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
43) trans-1,3-Dichloroprop...	7.622	79	80418	45.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.540%
47) 2-Hexanone-d5	8.085	63	159000	101.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	226222	47.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	11.625	152	201629	45.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	133639	47.492	ug/L	100
3) Chloromethane	1.240	50	129731	46.767	ug/L	100
5) Vinyl chloride	1.311	62	136710	48.364	ug/L	99
6) Bromomethane	1.520	94	77603	49.936	ug/L	99
8) Chloroethane	1.581	64	84993	49.154	ug/L	99
9) Trichlorofluoromethane	1.751	101	206888	50.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	108688	46.833	ug/L	100
12) 1,1-Dichloroethene	2.118	96	96251	45.239	ug/L	79
13) Acetone	2.166	43	140511	93.384	ug/L	99
14) Carbon disulfide	2.291	76	266965	46.816	ug/L	99
15) Methyl Acetate	2.426	43	155861	49.624	ug/L	100
16) Methylene chloride	2.503	84	147029	50.761	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	124272	49.501	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	442861	50.066	ug/L	100
19) 1,1-Dichloroethane	3.188	63	246626	50.373	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	146508	49.287	ug/L	99
22) 2-Butanone	3.957	43	221900	101.343	ug/L	100
23) Bromochloromethane	4.246	128	76749	48.060	ug/L	96
25) Chloroform	4.372	83	257055	50.041	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	180157	49.607	ug/L	99
29) Cyclohexane	4.677	56	194840	48.598	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	222943	49.286	ug/L	99
31) Carbon tetrachloride	4.828	117	190511	48.948	ug/L	98
33) Benzene	5.098	78	535248	49.671	ug/L	100
34) Trichloroethene	5.912	95	151157	49.508	ug/L	99
35) Methylcyclohexane	6.130	83	208592	50.113	ug/L	99
37) 1,2-Dichloropropane	6.172	63	140142	48.809	ug/L	100
38) Bromodichloromethane	6.510	83	189836	48.421	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	221222	48.624	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	416789	99.643	ug/L	100
42) Toluene	7.387	91	575545	49.537	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	212738	48.780	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	145610	49.799	ug/L	99
46) Tetrachloroethene	7.976	164	112436	49.832	ug/L	98
48) 2-Hexanone	8.137	43	315672	98.465	ug/L	99
49) Dibromochloromethane	8.246	129	163396	49.063	ug/L	100
50) 1,2-Dibromoethane	8.352	107	153197	49.311	ug/L	100
51) Chlorobenzene	8.883	112	386482	49.783	ug/L	99
52) Ethylbenzene	9.011	91	629737	49.921	ug/L	99
53) m,p-Xylene	9.140	106	245388	50.118	ug/L	98
54) o-Xylene	9.545	106	243337	49.388	ug/L	99
55) Styrene	9.561	104	418617	50.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	210096	48.137	ug/L	99
59) Bromoform	9.731	173	119023	48.250	ug/L	99
60) Isopropylbenzene	9.931	105	654040	49.634	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	183009	48.273	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	547863	49.104	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	557937	49.137	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	310736	48.937	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	310245	48.554	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	316967	48.869	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	45744	45.834	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	234133	49.551	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	202000	50.708	ug/L	99
71) Naphthalene	13.503	128	600837	52.100	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205171	51.835	ug/L	99

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

