

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080921\
 Data File : VV021757.D
 Acq On : 09 Aug 2021 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050301

Quant Time: Aug 10 01:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 07 01:48:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	404335	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	379852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	201534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108887	42.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.760%		
7) Chloroethane-d5	1.564	69	81319	38.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.660%		
11) 1,1-Dichloroethene-d2	2.105	63	190541	41.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.900%		
21) 2-Butanone-d5	3.876	46	235784	108.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.100%		
24) Chloroform-d	4.346	84	263294	48.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
26) 1,2-Dichloroethane-d4	5.031	65	155342	48.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.520%		
32) Benzene-d6	5.047	84	510876	47.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
36) 1,2-Dichloropropane-d6	6.069	67	164202	48.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.240%		
41) Toluene-d8	7.317	98	473224	47.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.020%		
43) trans-1,3-Dichloroprop...	7.622	79	82834	49.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.400%		
47) 2-Hexanone-d5	8.088	63	161973	108.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.860%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	227687	50.627	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	197928	47.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	136542	51.025	ug/L	99
3) Chloromethane	1.240	50	127741	48.424	ug/L	99
5) Vinyl chloride	1.310	62	133600	49.700	ug/L	98
6) Bromomethane	1.519	94	82352	55.723	ug/L	100
8) Chloroethane	1.580	64	69966	42.550	ug/L	100
9) Trichlorofluoromethane	1.748	101	204147	52.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	106999	48.482	ug/L	99
12) 1,1-Dichloroethene	2.114	96	95088	46.996	ug/L	90
13) Acetone	2.169	43	190441	133.093	ug/L	99
14) Carbon disulfide	2.291	76	270207	49.828	ug/L	99
15) Methyl Acetate	2.426	43	166384	55.705	ug/L	100
16) Methylene chloride	2.503	84	144987	52.636	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	124094	51.979	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	452969	53.849	ug/L	100
19) 1,1-Dichloroethane	3.188	63	243413	52.280	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	148618	52.575	ug/L	98
22) 2-Butanone	3.960	43	252300	121.167	ug/L	99
23) Bromochloromethane	4.246	128	79269	52.197	ug/L	98
25) Chloroform	4.371	83	254145	52.025	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	181997	52.697	ug/L	99
29) Cyclohexane	4.677	56	193717	50.971	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	223022	52.010	ug/L	100
31) Carbon tetrachloride	4.825	117	192687	52.225	ug/L	99
33) Benzene	5.098	78	532279	52.107	ug/L	100
34) Trichloroethene	5.912	95	149502	51.655	ug/L	98
35) Methylcyclohexane	6.130	83	208259	52.780	ug/L	98
37) 1,2-Dichloropropane	6.172	63	143189	52.608	ug/L	99
38) Bromodichloromethane	6.510	83	196217	52.797	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	235984	54.716	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	438465	110.581	ug/L	100
42) Toluene	7.387	91	582714	52.907	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	223572	54.079	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	149947	54.098	ug/L	99
46) Tetrachloroethene	7.976	164	112734	52.707	ug/L	98
48) 2-Hexanone	8.140	43	345901	113.818	ug/L	99
49) Dibromochloromethane	8.246	129	170826	54.110	ug/L	99
50) 1,2-Dibromoethane	8.352	107	159999	54.328	ug/L	97
51) Chlorobenzene	8.882	112	389054	52.866	ug/L	99
52) Ethylbenzene	9.011	91	629571	52.648	ug/L	99
53) m,p-Xylene	9.140	106	246617	53.134	ug/L	99
54) o-Xylene	9.545	106	246156	52.703	ug/L	99
55) Styrene	9.561	104	428963	54.818	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	221261	53.479	ug/L	99
59) Bromoform	9.731	173	127286	54.613	ug/L	100
60) Isopropylbenzene	9.934	105	647918	52.041	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	191062	53.340	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	554814	52.632	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	561862	52.373	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	316603	52.773	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	318237	52.714	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	323693	52.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50426	53.477	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	238561	53.437	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	207383	55.100	ug/L	99
71) Naphthalene	13.503	128	627187	57.561	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	211538	56.565	ug/L	99

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

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