

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080621\
 Data File : VV021755.D
 Acq On : 06 Aug 2021 14:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Aug 07 01:51:22 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	415272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	392959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	204781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99448	38.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.260%
7) Chloroethane-d5	1.565	69	78155	36.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.680%
11) 1,1-Dichloroethene-d2	2.108	63	182569	39.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.280%
21) 2-Butanone-d5	3.876	46	224088	100.030	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.030%
24) Chloroform-d	4.349	84	260288	47.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
26) 1,2-Dichloroethane-d4	5.031	65	155441	47.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
32) Benzene-d6	5.050	84	515509	46.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	6.069	67	164788	46.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.360%
41) Toluene-d8	7.317	98	478082	46.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.780%
43) trans-1,3-Dichloroprop...	7.622	79	80864	46.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.840%
47) 2-Hexanone-d5	8.088	63	152770	99.247	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.250%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	222287	47.778	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	11.625	152	199426	47.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129064	46.961	ug/L	98
3) Chloromethane	1.240	50	125408	46.288	ug/L	100
5) Vinyl chloride	1.310	62	130389	47.228	ug/L	99
6) Bromomethane	1.519	94	77297	50.925	ug/L	99
8) Chloroethane	1.581	64	70459	41.721	ug/L	99
9) Trichlorofluoromethane	1.751	101	196697	48.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	103719	45.758	ug/L	99
12) 1,1-Dichloroethene	2.118	96	91511	44.037	ug/L	86
13) Acetone	2.169	43	119179	81.097	ug/L	100
14) Carbon disulfide	2.294	76	254823	45.753	ug/L	100
15) Methyl Acetate	2.429	43	149557	48.753	ug/L	100
16) Methylene chloride	2.507	84	140548	49.681	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	118486	48.322	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	417934	48.375	ug/L	100
19) 1,1-Dichloroethane	3.188	63	236867	49.534	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	142319	49.020	ug/L	99
22) 2-Butanone	3.960	43	204299	95.531	ug/L	98
23) Bromochloromethane	4.249	128	74341	47.662	ug/L	99
25) Chloroform	4.375	83	242946	48.423	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	172881	48.739	ug/L	99
29) Cyclohexane	4.680	56	188358	47.908	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	212025	47.796	ug/L	99
31) Carbon tetrachloride	4.828	117	181249	47.486	ug/L	99
33) Benzene	5.098	78	515724	48.803	ug/L	100
34) Trichloroethene	5.915	95	145774	48.687	ug/L	98
35) Methylcyclohexane	6.133	83	198355	48.593	ug/L	99
37) 1,2-Dichloropropane	6.175	63	138769	49.284	ug/L	100
38) Bromodichloromethane	6.510	83	183435	47.711	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	221523	49.650	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	396040	96.550	ug/L	99
42) Toluene	7.391	91	559765	49.128	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	206680	48.326	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	140695	49.067	ug/L	99
46) Tetrachloroethene	7.979	164	108113	48.861	ug/L	96
48) 2-Hexanone	8.140	43	301731	95.973	ug/L	99
49) Dibromochloromethane	8.249	129	155334	47.562	ug/L	99
50) 1,2-Dibromoethane	8.352	107	147091	48.279	ug/L	100
51) Chlorobenzene	8.883	112	367760	48.306	ug/L	99
52) Ethylbenzene	9.014	91	609086	49.236	ug/L	100
53) m,p-Xylene	9.140	106	236713	49.299	ug/L	99
54) o-Xylene	9.545	106	235911	48.825	ug/L	99
55) Styrene	9.561	104	402286	49.694	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	204828	47.856	ug/L	99
59) Bromoform	9.735	173	112137	47.351	ug/L	99
60) Isopropylbenzene	9.934	105	621052	49.093	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	176847	48.589	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	526183	49.124	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	532946	48.890	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	297314	48.772	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	298541	48.667	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	302635	48.601	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	43447	45.345	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	220956	48.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	189571	49.569	ug/L	99
71) Naphthalene	13.503	128	541830	48.939	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	188214	49.530	ug/L	100

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

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