

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060721\
 Data File : VV021519.D
 Acq On : 07 Jun 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050196

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 10:05:05 AM

Quant Time: Jun 08 03:11:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	492751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	456542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	270908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172250	53.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.180%	
7) Chloroethane-d5	1.568	69	122369	50.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.420%	
11) 1,1-Dichloroethene-d2	2.108	63	287021	51.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.560%	
21) 2-Butanone-d5	3.883	46	222408	95.604	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.600%	
24) Chloroform-d	4.346	84	316789	49.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.100%	
26) 1,2-Dichloroethane-d4	5.030	65	182050	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.880%	
32) Benzene-d6	5.050	84	637536	49.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.840%	
36) 1,2-Dichloropropane-d6	6.069	67	188356	47.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 95.520%	
41) Toluene-d8	7.313	98	614240	50.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.960%	
43) trans-1,3-Dichloroprop...	7.622	79	102891	48.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.500%	
47) 2-Hexanone-d5	8.085	63	172551	95.275	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 95.270%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259179	47.339	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 94.680%	
66) 1,2-Dichlorobenzene-d4	11.625	152	270992	48.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.240%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	164116	48.052	ug/L	98
3) Chloromethane	1.243	50	153511	45.119	ug/L	98
5) Vinyl chloride	1.310	62	166144	47.580	ug/L	99
6) Bromomethane	1.523	94	99192	41.478	ug/L	99
8) Chloroethane	1.584	64	93385	47.036	ug/L	99
9) Trichlorofluoromethane	1.751	101	260371	50.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	153168	50.873	ug/L	97
12) 1,1-Dichloroethene	2.117	96	142889	49.409	ug/L	99
13) Acetone	2.179	43	179215m	89.534	ug/L	
14) Carbon disulfide	2.294	76	437202	47.952	ug/L	100
15) Methyl Acetate	2.429	43	162319	47.328	ug/L	98
16) Methylene chloride	2.506	84	173220	47.814	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	167815	50.862	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	518142	49.537	ug/L	100
19) 1,1-Dichloroethane	3.188	63	282172	48.260	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	184042	49.859	ug/L	97
22) 2-Butanone	3.966	43	238371	94.009	ug/L	95
23) Bromochloromethane	4.246	128	103582	50.667	ug/L	94
25) Chloroform	4.375	83	299265	49.461	ug/L	99

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27) 1,2-Dichloroethane	5.130	62	210626	50.389	ug/L	98
29) Cyclohexane	4.677	56	255970	48.126	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	280558	49.782	ug/L	99
31) Carbon tetrachloride	4.828	117	261843	51.179	ug/L	100
33) Benzene	5.098	78	641388	49.084	ug/L	100
34) Trichloroethene	5.911	95	178557	50.271	ug/L	97
35) Methylcyclohexane	6.130	83	276717	48.532	ug/L	98
37) 1,2-Dichloropropane	6.172	63	159939	48.004	ug/L	100
38) Bromodichloromethane	6.510	83	232488	49.728	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	277441	49.529	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	435173	96.330	ug/L	98
42) Toluene	7.387	91	713936	49.250	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	265386	50.080	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	171462	50.706	ug/L	99
46) Tetrachloroethene	7.976	164	171015	52.368	ug/L	97
48) 2-Hexanone	8.136	43	328665	94.861	ug/L	98
49) Dibromochloromethane	8.246	129	215544	50.904	ug/L	98
50) 1,2-Dibromoethane	8.352	107	185894	49.948	ug/L	99
51) Chlorobenzene	8.882	112	483306	50.429	ug/L	98
52) Ethylbenzene	9.011	91	792948	49.803	ug/L	99
53) m,p-Xylene	9.136	106	311405	50.903	ug/L	97
54) o-Xylene	9.542	106	305436	50.566	ug/L	97
55) Styrene	9.561	104	519912	50.012	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	257034	48.695	ug/L	99
59) Bromoform	9.731	173	182240	49.857	ug/L	100
60) Isopropylbenzene	9.931	105	809911	48.246	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	201276	47.285	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	697936	48.294	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	702850	48.144	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	426335	50.280	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	424909	49.634	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	413937	48.755	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	62388	47.047	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	357284	49.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	326728	51.128	ug/L	100
71) Naphthalene	13.500	128	858073	48.680	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	313903	50.465	ug/L	100

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

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