

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090821\
 Data File : VV022130.D
 Acq On : 08 Sep 2021 15:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050332

Manual Integrations
 APPROVED

MMDadoda
 9/9/2021 1:10:34 PM

Quant Time: Sep 09 08:34:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 09 08:27:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	356338	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	336596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	179401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114433	46.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.740%
7) Chloroethane-d5	1.564	69	91048	47.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.500%
11) 1,1-Dichloroethene-d2	2.105	63	210117	51.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.980%
21) 2-Butanone-d5	3.902	46	177348	104.792	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.790%
24) Chloroform-d	4.349	84	225530	50.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	5.034	65	132191	49.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.760%
32) Benzene-d6	5.050	84	447383	49.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.072	67	138937	48.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.780%
41) Toluene-d8	7.317	98	423002	49.083	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	7.622	79	64570	47.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.500%
47) 2-Hexanone-d5	8.092	63	121496	110.285	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.290%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	195508	53.168	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.340%
66) 1,2-Dichlorobenzene-d4	11.625	152	162443	46.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	105373	43.020	ug/L	99
3) Chloromethane	1.240	50	104520	40.298	ug/L	100
5) Vinyl chloride	1.307	62	111612	42.695	ug/L	100
6) Bromomethane	1.519	94	73627	46.845	ug/L	99
8) Chloroethane	1.584	64	73497	44.942	ug/L	99
9) Trichlorofluoromethane	1.751	101	181847	48.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	114611	52.489	ug/L	98
12) 1,1-Dichloroethene	2.114	96	102337	49.789	ug/L	92
13) Acetone	2.191	43	143276m	101.041	ug/L	
14) Carbon disulfide	2.291	76	253649	40.897	ug/L	100
15) Methyl Acetate	2.439	43	142080	51.451	ug/L	99
16) Methylene chloride	2.503	84	130670	47.450	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	114921	46.242	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	385473	48.810	ug/L	99
19) 1,1-Dichloroethane	3.188	63	218234	49.304	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	131550	47.559	ug/L	98
22) 2-Butanone	3.982	43	202750	101.720	ug/L	97
23) Bromochloromethane	4.249	128	70576	47.911	ug/L	99
25) Chloroform	4.378	83	228325	48.730	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	162681	51.795	ug/L	99
29) Cyclohexane	4.677	56	175849	46.735	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	197219	49.299	ug/L	98
31) Carbon tetrachloride	4.828	117	168311	48.970	ug/L	100
33) Benzene	5.101	78	484953	49.520	ug/L	100
34) Trichloroethene	5.915	95	127111	45.823	ug/L	98
35) Methylcyclohexane	6.133	83	189477	46.724	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128486	50.614	ug/L	100
38) Bromodichloromethane	6.513	83	163563	50.384	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	193421	49.351	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	374532	108.829	ug/L	98
42) Toluene	7.391	91	525557	49.724	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	180350	49.442	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	132760	51.399	ug/L	99
46) Tetrachloroethene	7.976	164	100873	46.767	ug/L	98
48) 2-Hexanone	8.140	43	288995	108.229	ug/L	98
49) Dibromochloromethane	8.249	129	135915	49.159	ug/L	98
50) 1,2-Dibromoethane	8.355	107	137829	49.721	ug/L	100
51) Chlorobenzene	8.883	112	343199	48.295	ug/L	99
52) Ethylbenzene	9.014	91	559655	48.914	ug/L	99
53) m,p-Xylene	9.140	106	217467	48.900	ug/L	100
54) o-Xylene	9.545	106	215612	49.000	ug/L	97
55) Styrene	9.561	104	378902	50.457	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	208872	55.813	ug/L	100
59) Bromoform	9.731	173	95549	50.146	ug/L	100
60) Isopropylbenzene	9.934	105	572978	50.829	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	162483	52.258	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	471300	49.800	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	479252	49.822	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	270047	47.182	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	273650	46.724	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	278244	48.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41330	55.154	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	199171	46.538	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	168726	44.817	ug/L	100
71) Naphthalene	13.503	128	536909	49.577	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	180567	49.173	ug/L	98

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

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