Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
Data File : VU049080.D
Acq On : 12 Jun 2022 10:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050148

Quant Time: Jun 13 04:59:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 11 04:33:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250858	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	249753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79573	51.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.980%			
7) Chloroethane-d5	1.900	69	59339	52.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.600%			
11) 1,1-Dichloroethene-d2	2.565	63	151298	51.884	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.760%			
21) 2-Butanone-d5	4.620	46	157897	93.189	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.190%			
24) Chloroform-d	5.063	84	181154	54.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.900%			
26) 1,2-Dichloroethane-d4	5.700	65	118712	55.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.160%			
32) Benzene-d6	5.726	84	327552	52.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.780%			
36) 1,2-Dichloropropane-d6	6.690	67	109124	52.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.820%			
41) Toluene-d8	7.899	98	294678	53.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.900%			
43) trans-1,3-Dichloroprop...	8.179	79	47051	48.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.080%			
47) 2-Hexanone-d5	8.632	63	102762	94.309	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.310%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182520	52.489	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.980%			
66) 1,2-Dichlorobenzene-d4	12.195	152	127196	54.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	119829	54.130	ug/L	100
3) Chloromethane	1.520	50	105973	45.415	ug/L	98
5) Vinyl chloride	1.604	62	107295	48.505	ug/L	98
6) Bromomethane	1.838	94	59316	48.477	ug/L	100
8) Chloroethane	1.922	64	59855	48.447	ug/L	96
9) Trichlorofluoromethane	2.134	101	162989	52.353	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	88814	50.255	ug/L	98
12) 1,1-Dichloroethene	2.578	96	79093	51.128	ug/L	95
13) Acetone	2.623	43	122801	92.104	ug/L	99
14) Carbon disulfide	2.790	76	189149	48.082	ug/L	99
15) Methyl Acetate	2.945	43	132018	49.923	ug/L	99
16) Methylene chloride	3.044	84	101569	50.419	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	87261	51.302	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	314555	49.434	ug/L	100
19) 1,1-Dichloroethane	3.867	63	185616	50.655	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	101745	49.167	ug/L	99
22) 2-Butanone	4.700	43	186503	91.025	ug/L	98
23) Bromochloromethane	4.973	128	57646	53.076	ug/L	96
25) Chloroform	5.089	83	201039	52.644	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	158794	51.080	ug/L	100
29) Cyclohexane	5.388	56	129232	46.236	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	174789	50.183	ug/L	98
31) Carbon tetrachloride	5.523	117	158559	52.052	ug/L	99
33) Benzene	5.774	78	397163	49.085	ug/L	100
34) Trichloroethene	6.542	95	99484	48.777	ug/L	97
35) Methylcyclohexane	6.761	83	139954	49.159	ug/L	100
37) 1,2-Dichloropropane	6.790	63	112171	49.161	ug/L	100
38) Bromodichloromethane	7.105	83	153952	50.819	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	150643	44.869	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	358065	93.146	ug/L	98
42) Toluene	7.970	91	435569	52.081	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	150553	45.286	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	111513	50.436	ug/L	98
46) Tetrachloroethene	8.552	164	79396	50.211	ug/L	97
48) 2-Hexanone	8.684	43	297703	95.261	ug/L	99
49) Dibromochloromethane	8.809	129	127655	51.856	ug/L	98
50) 1,2-Dibromoethane	8.925	107	117832	50.659	ug/L	97
51) Chlorobenzene	9.446	112	284211	50.273	ug/L	99
52) Ethylbenzene	9.571	91	451942	49.701	ug/L	97
53) m,p-Xylene	9.693	106	186049	52.102	ug/L	99
54) o-Xylene	10.102	106	186339	51.794	ug/L	100
55) Styrene	10.115	104	318174	52.958	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	204410	49.610	ug/L	98
59) Bromoform	10.291	173	100785	51.072	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	167396	49.354	ug/L	99
61) Isopropylbenzene	10.484	105	472912	52.066	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	403992	52.098	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	314921	51.010	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	223485	50.159	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	224075	49.672	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	237261	51.313	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53497	47.788	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	161692	50.800	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	127675	47.435	ug/L	98
71) Naphthalene	14.086	128	403397	42.363	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	142985	50.222	ug/L	99

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

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