Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
Data File : VU048357.D
Acq On : 29 Apr 2022 15:58
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050108

Quant Time: Apr 30 04:41:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 30 04:38:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	391733	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	405706	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	242651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130638	36.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.540%			
7) Chloroethane-d5	1.890	69	114035	45.099	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.565	63	240263	41.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.260%			
21) 2-Butanone-d5	4.620	46	267864	87.184	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.180%			
24) Chloroform-d	5.063	84	296407	45.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.720%			
26) 1,2-Dichloroethane-d4	5.703	65	182184	46.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.980%			
32) Benzene-d6	5.729	84	606404	47.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.780%			
36) 1,2-Dichloropropane-d6	6.690	67	194853	46.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.120%			
41) Toluene-d8	7.899	98	568489	49.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.040%			
43) trans-1,3-Dichloroprop...	8.179	79	89834	48.127	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.260%			
47) 2-Hexanone-d5	8.635	63	217284	95.204	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.200%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	352683	47.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.080%			
66) 1,2-Dichlorobenzene-d4	12.195	152	264557	48.467	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	131869	44.550	ug/L	100
3) Chloromethane	1.520	50	133731	39.472	ug/L	100
5) Vinyl chloride	1.607	62	151689	44.430	ug/L	97
6) Bromomethane	1.832	94	61558	39.232	ug/L	98
8) Chloroethane	1.916	64	95368	49.402	ug/L	99
9) Trichlorofluoromethane	2.128	101	220306	49.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	144157	48.851	ug/L	100
12) 1,1-Dichloroethene	2.578	96	120869	46.923	ug/L	94
13) Acetone	2.623	43	202229	102.528	ug/L	99
14) Carbon disulfide	2.790	76	254986	40.616	ug/L	99
15) Methyl Acetate	2.944	43	176478	45.073	ug/L	98
16) Methylene chloride	3.044	84	163282	49.168	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	130035	48.594	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	476120	53.926	ug/L	98
19) 1,1-Dichloroethane	3.867	63	271098	48.447	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	165066	51.174	ug/L	97
22) 2-Butanone	4.700	43	279302	95.760	ug/L	96
23) Bromochloromethane	4.976	128	91017	50.541	ug/L	96
25) Chloroform	5.089	83	293326	51.334	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	211431	50.728	ug/L	98
29) Cyclohexane	5.388	56	190077	49.586	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	237315	51.726	ug/L	99
31) Carbon tetrachloride	5.526	117	199199	50.942	ug/L	99
33) Benzene	5.774	78	614156	51.129	ug/L	100
34) Trichloroethene	6.542	95	152401	51.763	ug/L	99
35) Methylcyclohexane	6.764	83	215813	52.210	ug/L	98
37) 1,2-Dichloropropane	6.793	63	173469	50.758	ug/L	100
38) Bromodichloromethane	7.108	83	218464	50.618	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	252781	52.600	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	529609	102.745	ug/L	99
42) Toluene	7.970	91	671204	53.223	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	245199	52.228	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	182161	50.803	ug/L	100
46) Tetrachloroethene	8.555	164	130673	51.714	ug/L	99
48) 2-Hexanone	8.687	43	441478	102.564	ug/L	99
49) Dibromochloromethane	8.812	129	198061	50.268	ug/L	99
50) 1,2-Dibromoethane	8.925	107	186596	51.317	ug/L	96
51) Chlorobenzene	9.449	112	473067	52.041	ug/L	99
52) Ethylbenzene	9.571	91	719133	55.061	ug/L	99
53) m,p-Xylene	9.697	106	288939	56.061	ug/L	100
54) o-Xylene	10.102	106	301207	58.012	ug/L	98
55) Styrene	10.118	104	514779	58.199	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	367715	51.961	ug/L	100
59) Bromoform	10.295	173	169730	48.198	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	278373	49.176	ug/L	99
61) Isopropylbenzene	10.488	105	770582	56.797	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	415889	58.159	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	653567	59.447	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	410179	53.926	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	406698	52.374	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	422815	52.767	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	70681	46.773	ug/L	93
69) 1,3,5-Trichlorobenzene	13.220	180	310190	54.880	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	248579	55.669	ug/L	99
71) Naphthalene	14.089	128	720257	56.364	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	253660	55.431	ug/L	99

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

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