Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120820\
Data File : VW017591.D
Acq On : 08 Dec 2020 17:01
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Manual Integrations APPROVED
MMDadoda
12/21/2020 1:36:57 PM

Quant Time: Dec 20 06:38:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 06:19:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	391708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184983	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	116383	22.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.36%			
7) Chloroethane-d5	2.90	69	99382	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.44%			
10) 1,1-Dichloroethene-d2	4.03	63	270111	23.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.20%			
20) 2-Butanone-d5	7.09	46	61845	56.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.82%			
24) Chloroform-d	7.65	84	283000	25.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.72%			
26) 1,2-Dichloroethane-d4	8.31	65	143082	26.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.84%			
29) Benzene-d6	8.28	84	525354	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.12%			
33) 1,2-Dichloropropane-d6	9.28	67	150038	25.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.24%			
37) Toluene-d8	10.33	98	487076	24.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.88%			
38) trans-1,3-Dichloropropene-	10.58	79	67722	25.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.24%			
39) 2-Hexanone-d5	10.93	63	41815	56.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.84%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120608	27.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.96%			
61) 1,2-Dichlorobenzene-d4	13.85	152	170997	24.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74907	20.124	ug/L	94
3) Chloromethane	2.22	50	88260	23.032	ug/L	99
5) Vinyl chloride	2.37	62	131630	27.698	ug/L	95
6) Bromomethane	2.79	94	88669	25.910	ug/L	100
8) Chloroethane	2.93	64	82730	25.910	ug/L	99
9) Trichlorofluoromethane	3.27	101	132232	24.299	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	145165	26.062	ug/L #	70
12) 1,1-Dichloroethene	4.05	96	136487	25.129	ug/L	93
13) Acetone	4.14	43	56736	54.260	ug/L	93
14) Carbon disulfide	4.40	76	378697	24.377	ug/L	99
15) Methyl Acetate	4.68	43	50772	27.895	ug/L	95
16) Methylene chloride	4.93	84	152169m	25.874	ug/L	
17) Methyl tert-butyl Ether	5.43	73	156510	26.791	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	138587	24.822	ug/L	99
19) 1,1-Dichloroethane	6.23	63	246298	26.127	ug/L	98
21) 2-Butanone	7.18	43	71124	56.841	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	147886	25.386	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.52	128	67056	25.341	ug/L		95
25) Chloroform	7.68	83	262273	26.354	ug/L		100
27) 1,2-Dichloroethane	8.40	62	161729	26.984	ug/L		99
30) Cyclohexane	7.96	56	216833	25.833	ug/L		99
31) 1,1,1-Trichloroethane	7.88	97	229608	27.569	ug/L		100
32) Carbon tetrachloride	8.07	117	216437	26.764	ug/L		96
34) Benzene	8.33	78	555748	26.276	ug/L		100
35) Trichloroethene	9.10	95	152367	25.986	ug/L		96
36) Methylcyclohexane	9.34	83	240227	24.775	ug/L		98
40) 1,2-Dichloropropane	9.37	63	132663	26.704	ug/L		99
41) Bromodichloromethane	9.65	83	182700	26.617	ug/L		97
42) cis-1,3-Dichloropropene	10.08	75	209571	27.236	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	135424	59.212	ug/L		97
44) Toluene	10.39	91	600874	26.401	ug/L		98
45) trans-1,3-Dichloropropene	10.61	75	183949	27.897	ug/L		100
46) 1,1,2-Trichloroethane	10.79	97	99303	26.678	ug/L		96
47) Tetrachloroethene	10.87	164	125337	25.088	ug/L		93
49) 2-Hexanone	10.97	43	102687	63.575	ug/L		88
50) Dibromochloromethane	11.13	129	122060	26.251	ug/L		98
51) 1,2-Dibromoethane	11.24	107	93059	26.086	ug/L	#	93
52) Chlorobenzene	11.66	112	380104	25.505	ug/L		94
53) Ethylbenzene	11.73	91	682337	26.442	ug/L		100
54) m,p-Xylene	11.84	106	258932	26.299	ug/L		99
55) o-xylene	12.17	106	241268	26.311	ug/L		100
56) Styrene	12.18	104	418407	27.123	ug/L		99
57) Isopropylbenzene	12.46	105	678793	26.949	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.72	83	113729	28.387	ug/L		100
59) 1,2,3-Trichloropropane	12.77	75	81017	27.397	ug/L		98
62) Bromoform	12.35	173	71336	27.203	ug/L		97
63) 1,3-Dichlorobenzene	13.50	146	307807	25.806	ug/L		95
64) 1,4-Dichlorobenzene	13.58	146	295779	25.031	ug/L		97
65) 1,2-Dichlorobenzene	13.87	146	272592	26.239	ug/L		100
66) 1,2-Dibromo-3-chloropropan	14.49	75	17586	26.291	ug/L		96
67) 1,3,5-Trichlorobenzene	14.63	180	208349	24.383	ug/L		98
68) 1,2,4-trichlorobenzene	15.13	180	173872	25.171	ug/L		96
69) Naphthalene	15.37	128	289147	27.109	ug/L		100
70) 1,2,3-Trichlorobenzene	15.55	180	148903	25.843	ug/L		98

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

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