Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
Data File : VW018418.D
Acq On : 22 Mar 2021 15:24
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02509

Quant Time: Mar 23 01:17:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 23 01:15:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	529467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	494281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	244219	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	184671	25.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.24%			
7) Chloroethane-d5	2.892	69	170135	26.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.52%			
10) 1,1-Dichloroethene-d2	4.025	63	323543	25.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.72%			
20) 2-Butanone-d5	7.074	46	76802	46.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.64%			
24) Chloroform-d	7.647	84	336164	24.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.72%			
26) 1,2-Dichloroethane-d4	8.305	65	195204	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.20%			
29) Benzene-d6	8.275	84	634103	24.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.52%			
33) 1,2-Dichloropropane-d6	9.274	67	186043	24.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.16%			
37) Toluene-d8	10.323	98	621754	24.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.28%			
38) trans-1,3-Dichloroprop...	10.573	79	94403	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.60%			
39) 2-Hexanone-d5	10.921	63	66269	44.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.36%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	167684	24.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.92%			
61) 1,2-Dichlorobenzene-d4	13.853	152	215164	24.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	156701	25.77	ug/L	99
3) Chloromethane	2.221	50	188494	24.59	ug/L	96
5) Vinyl chloride	2.367	62	271716	26.99	ug/L	100
6) Bromomethane	2.782	94	203900	28.05	ug/L	99
8) Chloroethane	2.928	64	172234	27.44	ug/L	94
9) Trichlorofluoromethane	3.263	101	134142	26.49	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	177661	27.28	ug/L	97
12) 1,1-Dichloroethene	4.044	96	175321	26.38	ug/L	96
13) Acetone	4.129	43	53224	45.17	ug/L	99
14) Carbon disulfide	4.385	76	530347	26.50	ug/L	99
15) Methyl Acetate	4.666	43	67868	25.18	ug/L	97
16) Methylene chloride	4.916	84	187906	21.64	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	242256	24.95	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	191110	26.05	ug/L	95
19) 1,1-Dichloroethane	6.214	63	328166	26.21	ug/L	98
21) 2-Butanone	7.171	43	86363	46.13	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	199463	25.85	ug/L	96
23) Bromochloromethane	7.507	128	88839	26.01	ug/L	91
25) Chloroform	7.677	83	347573	26.16	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	252417	26.78	ug/L		100
30) Cyclohexane	7.952	56	299851	25.55	ug/L		96
31) 1,1,1-Trichloroethane	7.872	97	283506	25.66	ug/L		97
32) Carbon tetrachloride	8.067	117	270234	26.25	ug/L		99
34) Benzene	8.323	78	746339	26.07	ug/L		100
35) Trichloroethene	9.092	95	203336	25.71	ug/L		100
36) Methylcyclohexane	9.335	83	361957	26.14	ug/L		98
40) 1,2-Dichloropropane	9.366	63	179175	25.59	ug/L		98
41) Bromodichloromethane	9.640	83	260343	26.30	ug/L		99
42) cis-1,3-Dichloropropene	10.073	75	306141	25.85	ug/L		99
43) 4-Methyl-2-pentanone	10.207	43	201344	47.81	ug/L		97
44) Toluene	10.384	91	850085	26.12	ug/L		97
45) trans-1,3-Dichloropropene	10.604	75	277156	26.07	ug/L		98
46) 1,1,2-Trichloroethane	10.786	97	144555	25.89	ug/L		97
47) Tetrachloroethene	10.866	164	161559	26.90	ug/L		91
49) 2-Hexanone	10.969	43	141305	47.42	ug/L		98
50) Dibromochloromethane	11.128	129	170182	25.85	ug/L		93
51) 1,2-Dibromoethane	11.238	107	142394	25.75	ug/L		96
52) Chlorobenzene	11.658	112	537570	26.05	ug/L		96
53) Ethylbenzene	11.731	91	955917	26.05	ug/L		100
54) m,p-Xylene	11.841	106	361032	25.75	ug/L		100
55) o-xylene	12.164	106	354535	26.52	ug/L		97
56) Styrene	12.183	104	597936	26.23	ug/L		96
57) Isopropylbenzene	12.463	105	958234	26.36	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	174160	25.77	ug/L		95
59) 1,2,3-Trichloropropane	12.768	75	130183	25.52	ug/L		98
62) Bromoform	12.347	173	96456	25.76	ug/L	#	95
63) 1,3-Dichlorobenzene	13.493	146	406370	26.00	ug/L		96
64) 1,4-Dichlorobenzene	13.579	146	411727	26.10	ug/L		93
65) 1,2-Dichlorobenzene	13.865	146	374061	26.78	ug/L		93
66) 1,2-Dibromo-3-chloropr...	14.481	75	31143	24.67	ug/L		89
67) 1,3,5-Trichlorobenzene	14.627	180	285419	25.32	ug/L		92
68) 1,2,4-trichlorobenzene	15.127	180	259148	27.02	ug/L		96
69) Naphthalene	15.365	128	511827	25.63	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	217691	26.01	ug/L		98

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

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