Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
Data File : VW018494.D
Acq On : 29 Mar 2021 18:30
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02519

Quant Time: Mar 30 03:15:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 30 03:10:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	420294	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	402353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206912	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111699	19.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.40%			
7) Chloroethane-d5	2.891	69	105118	20.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.12%			
10) 1,1-Dichloroethene-d2	4.031	63	203125	20.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.44%			
20) 2-Butanone-d5	7.074	46	72431	55.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.26%			
24) Chloroform-d	7.647	84	243799	22.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.08%			
26) 1,2-Dichloroethane-d4	8.305	65	146954	23.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.08%			
29) Benzene-d6	8.275	84	428096	20.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.04%			
33) 1,2-Dichloropropane-d6	9.274	67	132116	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.64%			
37) Toluene-d8	10.323	98	412716	20.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.16%			
38) trans-1,3-Dichloroprop...	10.579	79	66303	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.36%			
39) 2-Hexanone-d5	10.926	63	62483	51.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.50%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	143830	26.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.24%			
61) 1,2-Dichlorobenzene-d4	13.853	152	160993	21.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	103100	21.36	ug/L	98
3) Chloromethane	2.215	50	140229	23.04	ug/L	98
5) Vinyl chloride	2.367	62	215401	26.96	ug/L	100
6) Bromomethane	2.782	94	152894	26.50	ug/L	99
8) Chloroethane	2.928	64	134469	26.99	ug/L	99
9) Trichlorofluoromethane	3.257	101	89359	22.23	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	132284	25.59	ug/L	95
12) 1,1-Dichloroethene	4.050	96	134633	25.52	ug/L	92
13) Acetone	4.123	43	50196	53.66	ug/L	100
14) Carbon disulfide	4.391	76	372971	23.48	ug/L	98
15) Methyl Acetate	4.672	43	66002	30.85	ug/L	95
16) Methylene chloride	4.915	84	149008	21.61	ug/L	90
17) Methyl tert-butyl Ether	5.427	73	196651	25.51	ug/L	97
18) trans-1,2-Dichloroethene	5.427	96	147967	25.40	ug/L	97
19) 1,1-Dichloroethane	6.214	63	263517	26.52	ug/L	97
21) 2-Butanone	7.171	43	87463	58.85	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	158303	25.84	ug/L	93
23) Bromochloromethane	7.512	128	74901	27.62	ug/L	88
25) Chloroform	7.677	83	286490	27.16	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	208866	27.91	ug/L		98
30) Cyclohexane	7.957	56	222406	23.28	ug/L		95
31) 1,1,1-Trichloroethane	7.872	97	218158	24.26	ug/L		98
32) Carbon tetrachloride	8.067	117	212020	25.30	ug/L		98
34) Benzene	8.323	78	597964	25.66	ug/L		100
35) Trichloroethene	9.091	95	158778	24.66	ug/L		97
36) Methylcyclohexane	9.335	83	266811	23.67	ug/L		97
40) 1,2-Dichloropropane	9.366	63	146961	25.78	ug/L		98
41) Bromodichloromethane	9.646	83	209424	25.99	ug/L		93
42) cis-1,3-Dichloropropene	10.073	75	239042	24.80	ug/L		99
43) 4-Methyl-2-pentanone	10.207	43	203705	59.43	ug/L		96
44) Toluene	10.384	91	675755	25.51	ug/L		96
45) trans-1,3-Dichloropropene	10.603	75	225220	26.02	ug/L		96
46) 1,1,2-Trichloroethane	10.786	97	128079	28.18	ug/L		98
47) Tetrachloroethene	10.859	164	126771	25.93	ug/L		84
49) 2-Hexanone	10.969	43	146155	60.26	ug/L		96
50) Dibromochloromethane	11.128	129	141211	26.35	ug/L		99
51) 1,2-Dibromoethane	11.237	107	124721	27.71	ug/L		93
52) Chlorobenzene	11.658	112	418681	24.92	ug/L		95
53) Ethylbenzene	11.731	91	771507	25.83	ug/L		99
54) m,p-Xylene	11.835	106	288631	25.29	ug/L		100
55) o-xylene	12.164	106	282474	25.96	ug/L		100
56) Styrene	12.182	104	483200	26.04	ug/L		96
57) Isopropylbenzene	12.463	105	760593	25.70	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	163186	29.66	ug/L		97
59) 1,2,3-Trichloropropane	12.768	75	123718	29.79	ug/L		100
62) Bromoform	12.347	173	84494	26.63	ug/L	#	97
63) 1,3-Dichlorobenzene	13.499	146	340012	25.67	ug/L		92
64) 1,4-Dichlorobenzene	13.578	146	339376	25.40	ug/L		96
65) 1,2-Dichlorobenzene	13.865	146	315936	26.69	ug/L		97
66) 1,2-Dibromo-3-chloropr...	14.481	75	30660	28.66	ug/L		90
67) 1,3,5-Trichlorobenzene	14.627	180	242333	25.37	ug/L		96
68) 1,2,4-trichlorobenzene	15.133	180	210030	25.84	ug/L		98
69) Naphthalene	15.365	128	470977	27.83	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	196423	27.70	ug/L		98

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

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