Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
Data File : VW018255.D
Acq On : 08 Mar 2021 15:21
Operator : SY/VA
Sample : VSTD10004
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD10004

Quant Time: Mar 09 00:37:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 09 00:36:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	255661	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	228434	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	108346	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	251677	87.14	ug/L		0.00
7) Chloroethane-d5	2.891	69	212726	92.42	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.031	63	601088	90.51	ug/L		0.00
20) 2-Butanone-d5	7.080	46	118720	169.38	ug/L		0.00
24) Chloroform-d	7.647	84	643156	89.19	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	330289	80.54	ug/L		0.00
29) Benzene-d6	8.274	84	1135393	89.62	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	312741	88.73	ug/L		0.00
37) Toluene-d8	10.323	98	1100227	90.64	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	163003	95.26	ug/L		0.00
39) 2-Hexanone-d5	10.920	63	106475	183.15	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	257759	83.65	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	354789	85.74	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	352516	99.49	ug/L		98
3) Chloromethane	2.221	50	230004	97.13	ug/L		100
5) Vinyl chloride	2.367	62	332032	90.05	ug/L		98
6) Bromomethane	2.782	94	252703	91.82	ug/L		99
8) Chloroethane	2.928	64	198103	95.47	ug/L		96
9) Trichlorofluoromethane	3.263	101	330596	116.79	ug/L		98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	349245	94.57	ug/L	#	70
12) 1,1-Dichloroethene	4.044	96	334024	99.54	ug/L		92
13) Acetone	4.123	43	80160	137.35	ug/L		99
14) Carbon disulfide	4.391	76	954086	97.01	ug/L		100
15) Methyl Acetate	4.671	43	101207	86.09	ug/L		100
16) Methylene chloride	4.921	84	307819	69.85	ug/L		98
17) Methyl tert-butyl Ether	5.427	73	347541	85.74	ug/L		99
18) trans-1,2-Dichloroethene	5.427	96	342922	95.08	ug/L		99
19) 1,1-Dichloroethane	6.220	63	570664	96.64	ug/L		96
21) 2-Butanone	7.171	43	130820	175.47	ug/L		100
22) cis-1,2-Dichloroethene	7.165	96	367515	97.66	ug/L		98
23) Bromochloromethane	7.519	128	158883	91.91	ug/L		96
25) Chloroform	7.677	83	636268	93.12	ug/L		99
27) 1,2-Dichloroethane	8.403	62	412399	89.18	ug/L		98
30) Cyclohexane	7.957	56	492984	100.80	ug/L		99
31) 1,1,1-Trichloroethane	7.872	97	548673	96.99	ug/L		99
32) Carbon tetrachloride	8.073	117	547358	101.06	ug/L		100
34) Benzene	8.323	78	1269513	95.09	ug/L		100
35) Trichloroethene	9.091	95	374438	95.85	ug/L		98
36) Methylcyclohexane	9.335	83	616075	99.38	ug/L		99
40) 1,2-Dichloropropane	9.366	63	292853	93.69	ug/L		100
41) Bromodichloromethane	9.646	83	470576	98.41	ug/L		96
42) cis-1,3-Dichloropropene	10.073	75	530294	105.62	ug/L		100
43) 4-Methyl-2-pentanone	10.207	43	303540	186.50	ug/L		99
44) Toluene	10.384	91	1451003	98.45	ug/L		95
45) trans-1,3-Dichloropropene	10.603	75	473506	105.07	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	231482	88.68	ug/L		99
47) Tetrachloroethene	10.865	164	276392	94.45	ug/L		89
49) 2-Hexanone	10.969	43	208873	186.32	ug/L		99
50) Dibromochloromethane	11.128	129	311946	100.21	ug/L		89
51) 1,2-Dibromoethane	11.231	107	233416	91.47	ug/L	#	98
52) Chlorobenzene	11.658	112	917584	95.03	ug/L		98
53) Ethylbenzene	11.731	91	1682673	99.21	ug/L		98
54) m,p-Xylene	11.841	106	636967	99.29	ug/L		97
55) o-xylene	12.164	106	617289	104.78	ug/L		99
56) Styrene	12.182	104	1056209	104.86	ug/L		94
57) Isopropylbenzene	12.463	105	1718027	101.44	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	259882	85.02	ug/L		98
59) 1,2,3-Trichloropropane	12.768	75	195770	83.71	ug/L		98
62) Bromoform	12.353	173	160836	101.21	ug/L		96
63) 1,3-Dichlorobenzene	13.493	146	685263	93.11	ug/L		95
64) 1,4-Dichlorobenzene	13.578	146	706444	97.52	ug/L		95
65) 1,2-Dichlorobenzene	13.865	146	623505	95.29	ug/L		97
66) 1,2-Dibromo-3-chloropr...	14.481	75	48230	91.36	ug/L		90
67) 1,3,5-Trichlorobenzene	14.627	180	505854	93.68	ug/L		97
68) 1,2,4-trichlorobenzene	15.127	180	426201	96.75	ug/L		93
69) Naphthalene	15.365	128	833028	97.21	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	357032	92.91	ug/L		97

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

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