Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
Data File : VW018215.D
Acq On : 22 Feb 2021 10:33
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00506

Quant Time: Feb 23 00:36:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 23 00:23:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	444699	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	395552	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	196060	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	24205	4.97	ug/L		0.00
7) Chloroethane-d5	2.891	69	18565	4.94	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.025	63	49755	5.00	ug/L		0.00
20) 2-Butanone-d5	7.080	46	9117	8.99	ug/L		0.00
24) Chloroform-d	7.653	84	52828	5.17	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	26171	5.15	ug/L		0.00
29) Benzene-d6	8.275	84	105091	5.29	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	28103	5.15	ug/L		0.00
37) Toluene-d8	10.323	98	101263	5.27	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	11782	4.74	ug/L		0.00
39) 2-Hexanone-d5	10.927	63	7755	9.06	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	21978	5.04	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	37210	5.45	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	28159	5.13	ug/L		98
3) Chloromethane	2.215	50	20312	4.89	ug/L		96
5) Vinyl chloride	2.367	62	30917	5.07	ug/L		98
6) Bromomethane	2.782	94	20701	5.02	ug/L		98
8) Chloroethane	2.928	64	16869	4.92	ug/L		98
9) Trichlorofluoromethane	3.263	101	20717	4.64	ug/L		98
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	28649	4.96	ug/L		98
12) 1,1-Dichloroethene	4.044	96	28627	5.03	ug/L		95
13) Acetone	4.123	43	7102	9.50	ug/L		95
14) Carbon disulfide	4.391	76	83506	4.77	ug/L		99
15) Methyl Acetate	4.678	43	8428	4.55	ug/L		100
16) Methylene chloride	4.922	84	30846	5.15	ug/L		98
17) Methyl tert-butyl Ether	5.428	73	28227	4.76	ug/L	#	88
18) trans-1,2-Dichloroethene	5.428	96	30235	5.02	ug/L		99
19) 1,1-Dichloroethane	6.214	63	46446	4.99	ug/L		99
21) 2-Butanone	7.165	43	10334	9.00	ug/L		98
22) cis-1,2-Dichloroethene	7.165	96	29754	4.87	ug/L		96
23) Bromochloromethane	7.513	128	14047	4.95	ug/L		92
25) Chloroform	7.677	83	49968	4.97	ug/L		99
27) 1,2-Dichloroethane	8.397	62	29958	4.95	ug/L		100
30) Cyclohexane	7.958	56	42307	5.06	ug/L		98
31) 1,1,1-Trichloroethane	7.866	97	42264	5.11	ug/L		99
32) Carbon tetrachloride	8.067	117	41798	5.14	ug/L		100
34) Benzene	8.323	78	109657	5.10	ug/L		100
35) Trichloroethene	9.092	95	30719	5.10	ug/L		99
36) Methylcyclohexane	9.335	83	51838	5.06	ug/L		99
40) 1,2-Dichloropropane	9.366	63	24690	4.99	ug/L		98
41) Bromodichloromethane	9.640	83	33678	4.83	ug/L		99
42) cis-1,3-Dichloropropene	10.073	75	37077	4.69	ug/L		97
43) 4-Methyl-2-pentanone	10.207	43	22389	8.97	ug/L		99
44) Toluene	10.390	91	121742	5.11	ug/L		99
45) trans-1,3-Dichloropropene	10.603	75	30806	4.53	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	19501	4.87	ug/L	95
47) Tetrachloroethene	10.860	164	27380	5.15	ug/L	93
49) 2-Hexanone	10.969	43	15253	8.98	ug/L	98
50) Dibromochloromethane	11.128	129	22841	4.59	ug/L	96
51) 1,2-Dibromoethane	11.237	107	18411	4.71	ug/L	98
52) Chlorobenzene	11.658	112	79883	5.05	ug/L	99
53) Ethylbenzene	11.731	91	135437	5.05	ug/L	96
54) m,p-Xylene	11.841	106	52363	5.01	ug/L	98
55) o-xylene	12.164	106	49984	5.06	ug/L	94
56) Styrene	12.182	104	83203	4.99	ug/L	97
57) Isopropylbenzene	12.463	105	134802	5.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	21612	4.87	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	15874	4.84	ug/L	98
62) Bromoform	12.347	173	12895	4.51	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	64900	5.21	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	65429	5.27	ug/L	99
65) 1,2-Dichlorobenzene	13.871	146	57189	5.20	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	3179	4.57	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	50232	5.21	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	39054	5.01	ug/L	99
69) Naphthalene	15.365	128	62193	4.56	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	34371	5.02	ug/L	99

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

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