Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018371.D
Acq On : 18 Mar 2021 16:25
Operator : SY/VA
Sample : VSTD02503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02503

Quant Time: Mar 18 17:17:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 18 17:06:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	597813	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	553896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	281743	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	224642	32.29	ug/L	0.00
7) Chloroethane-d5	2.898	69	189464	33.23	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	373366	24.76	ug/L	0.00
20) 2-Butanone-d5	7.074	46	103534	63.14	ug/L	0.00
24) Chloroform-d	7.647	84	405933	25.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	241730	26.60	ug/L	0.00
29) Benzene-d6	8.275	84	781834	26.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	227029	27.19	ug/L	0.00
37) Toluene-d8	10.323	98	755684	26.28	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	121907	28.90	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	94384	64.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	211408	29.11	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	275096	26.31	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	148494	18.68	ug/L	96
3) Chloromethane	2.221	50	213941	34.70	ug/L	96
5) Vinyl chloride	2.367	62	290901	32.06	ug/L	98
6) Bromomethane	2.782	94	210128	31.22	ug/L	99
8) Chloroethane	2.928	64	179191	33.72	ug/L	98
9) Trichlorofluoromethane	3.263	101	142162	20.92	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	187004	22.32	ug/L	98
12) 1,1-Dichloroethene	4.050	96	188446	23.97	ug/L	94
13) Acetone	4.123	43	66182	52.59	ug/L	100
14) Carbon disulfide	4.391	76	567401	24.70	ug/L	100
15) Methyl Acetate	4.672	43	81672	29.44	ug/L	96
16) Methylene chloride	4.922	84	206789	22.32	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	281238	29.49	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	205919	24.59	ug/L	95
19) 1,1-Dichloroethane	6.214	63	353945	25.56	ug/L	96
21) 2-Butanone	7.165	43	108195	60.63	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	218295	24.84	ug/L	95
23) Bromochloromethane	7.513	128	95191	24.19	ug/L	86
25) Chloroform	7.671	83	375693	24.06	ug/L	99
27) 1,2-Dichloroethane	8.397	62	273443	25.77	ug/L	99
30) Cyclohexane	7.958	56	328247	26.93	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	306386	22.81	ug/L	98
32) Carbon tetrachloride	8.067	117	290796	22.51	ug/L	98
34) Benzene	8.323	78	823869	25.56	ug/L	100
35) Trichloroethene	9.092	95	223571	24.03	ug/L	98
36) Methylcyclohexane	9.335	83	393585	25.90	ug/L	98
40) 1,2-Dichloropropane	9.366	63	199431	26.45	ug/L	98
41) Bromodichloromethane	9.646	83	284759	24.62	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	343581	27.08	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	245577	60.30	ug/L	98
44) Toluene	10.384	91	911711	25.31	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	316315	27.60	ug/L	100

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46) 1,1,2-Trichloroethane	10.786	97	162017	26.07	ug/L		99
47) Tetrachloroethene	10.860	164	168914	24.18	ug/L		93
49) 2-Hexanone	10.963	43	174687	61.77	ug/L		98
50) Dibromochloromethane	11.128	129	188327	25.04	ug/L		97
51) 1,2-Dibromoethane	11.231	107	158437	25.85	ug/L		98
52) Chlorobenzene	11.658	112	585082	25.07	ug/L		97
53) Ethylbenzene	11.731	91	1034511	25.12	ug/L		99
54) m,p-Xylene	11.841	106	398148	25.37	ug/L		98
55) o-xylene	12.164	106	387649	26.28	ug/L		96
56) Styrene	12.176	104	669461	26.49	ug/L		99
57) Isopropylbenzene	12.463	105	1025980	24.84	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	198667	27.32	ug/L		97
59) 1,2,3-Trichloropropane	12.768	75	150456	27.31	ug/L		98
62) Bromoform	12.347	173	110471	26.21	ug/L	#	98
63) 1,3-Dichlorobenzene	13.499	146	445287	23.95	ug/L		96
64) 1,4-Dichlorobenzene	13.579	146	452093	24.36	ug/L		98
65) 1,2-Dichlorobenzene	13.865	146	410515	24.27	ug/L		99
66) 1,2-Dibromo-3-chloropr...	14.481	75	38580	28.18	ug/L		95
67) 1,3,5-Trichlorobenzene	14.627	180	328552	24.24	ug/L		95
68) 1,2,4-trichlorobenzene	15.127	180	281616	25.07	ug/L		96
69) Naphthalene	15.365	128	596390	26.42	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	245852	24.88	ug/L		98

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

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