Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018372.D
Acq On : 18 Mar 2021 16:49
Operator : SY/VA
Sample : VSTD05004
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05004

Quant Time: Mar 18 17:22:32 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	623136	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	580448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	296131	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	413410	57.01	ug/L	0.00
7) Chloroethane-d5	2.892	69	354838	59.70	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	728650	46.35	ug/L	0.00
20) 2-Butanone-d5	7.074	46	200922	117.55	ug/L	0.00
24) Chloroform-d	7.647	84	773677	45.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	449598	47.46	ug/L	0.00
29) Benzene-d6	8.275	84	1479642	47.33	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	428269	48.94	ug/L	0.00
37) Toluene-d8	10.323	98	1429431	47.44	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	232469	52.60	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	179022	117.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	395291	51.94	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	504042	45.86	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	355106	42.86	ug/L	99
3) Chloromethane	2.215	50	448339	69.76	ug/L	99
5) Vinyl chloride	2.367	62	592389	62.63	ug/L	97
6) Bromomethane	2.782	94	428204	61.03	ug/L	99
8) Chloroethane	2.928	64	360966	65.16	ug/L	99
9) Trichlorofluoromethane	3.263	101	320739	45.28	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	385677	44.17	ug/L	98
12) 1,1-Dichloroethene	4.044	96	395193	48.23	ug/L	97
13) Acetone	4.117	43	132891	101.31	ug/L	99
14) Carbon disulfide	4.385	76	1214164	50.72	ug/L	100
15) Methyl Acetate	4.666	43	169206	58.51	ug/L	97
16) Methylene chloride	4.916	84	415540	43.03	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	588468	59.20	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	439615	50.36	ug/L	97
19) 1,1-Dichloroethane	6.214	63	743994	51.55	ug/L	99
21) 2-Butanone	7.165	43	221979	119.34	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	463733	50.62	ug/L	98
23) Bromochloromethane	7.519	128	205779	50.17	ug/L	93
25) Chloroform	7.677	83	789847	48.53	ug/L	99
27) 1,2-Dichloroethane	8.403	62	562962	50.91	ug/L	100
30) Cyclohexane	7.958	56	680854	53.31	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	655584	46.57	ug/L	98
32) Carbon tetrachloride	8.067	117	620563	45.83	ug/L	99
34) Benzene	8.323	78	1692047	50.09	ug/L	100
35) Trichloroethene	9.092	95	463097	47.50	ug/L	98
36) Methylcyclohexane	9.335	83	819293	51.45	ug/L	99
40) 1,2-Dichloropropane	9.366	63	407107	51.52	ug/L	98
41) Bromodichloromethane	9.646	83	597225	49.27	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	722546	54.34	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	518256	121.44	ug/L	99
44) Toluene	10.390	91	1943048	51.48	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	656694	54.67	ug/L	99

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46) 1,1,2-Trichloroethane	10.786	97	337224	51.78	ug/L		98
47) Tetrachloroethene	10.860	164	353903	48.34	ug/L		95
49) 2-Hexanone	10.969	43	370900	125.16	ug/L		98
50) Dibromochloromethane	11.128	129	416687	52.87	ug/L		88
51) 1,2-Dibromoethane	11.232	107	342266	53.28	ug/L		95
52) Chlorobenzene	11.658	112	1234006	50.46	ug/L		96
53) Ethylbenzene	11.731	91	2196958	50.91	ug/L		98
54) m,p-Xylene	11.841	106	845697	51.41	ug/L		97
55) o-xylene	12.164	106	805412	52.11	ug/L		97
56) Styrene	12.183	104	1410638	53.27	ug/L		97
57) Isopropylbenzene	12.463	105	2253012	52.05	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	416353	54.64	ug/L		93
59) 1,2,3-Trichloropropane	12.768	75	317757	55.05	ug/L		100
62) Bromoform	12.347	173	250519	56.56	ug/L	#	99
63) 1,3-Dichlorobenzene	13.499	146	975816	49.93	ug/L		98
64) 1,4-Dichlorobenzene	13.573	146	935979	47.98	ug/L		96
65) 1,2-Dichlorobenzene	13.871	146	830485	46.71	ug/L		97
66) 1,2-Dibromo-3-chloropr...	14.481	75	78641	54.65	ug/L		91
67) 1,3,5-Trichlorobenzene	14.627	180	674932	47.38	ug/L		98
68) 1,2,4-trichlorobenzene	15.127	180	546105	46.26	ug/L		90
69) Naphthalene	15.365	128	1249251	52.65	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	499550	48.10	ug/L		98

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

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