Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018373.D
Acq On : 18 Mar 2021 17:13
Operator : SY/VA
Sample : VSTD10005
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD10005

Quant Time: Mar 18 17:44:30 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	8.841	114	634517	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	594601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	300865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	838502	113.55	ug/L	0.00
7) Chloroethane-d5	2.891	69	713826	117.95	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	1441832	90.07	ug/L	0.00
20) 2-Butanone-d5	7.074	46	333909	191.85	ug/L	0.00
24) Chloroform-d	7.647	84	1527629	88.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	829028	85.94	ug/L	0.00
29) Benzene-d6	8.275	84	2875613	89.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	826129	92.17	ug/L	0.00
37) Toluene-d8	10.323	98	2884847	93.46	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	436780	96.47	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	304581	195.04	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	716993	91.96	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	981991	87.95	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	825331	97.82	ug/L	98
3) Chloromethane	2.221	50	929909	142.09	ug/L	100
5) Vinyl chloride	2.367	62	1175545	122.06	ug/L	99
6) Bromomethane	2.782	94	813373	113.85	ug/L	100
8) Chloroethane	2.928	64	717790	127.25	ug/L	98
9) Trichlorofluoromethane	3.263	101	616718	85.51	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	771300	86.75	ug/L	98
12) 1,1-Dichloroethene	4.044	96	780214	93.50	ug/L	94
13) Acetone	4.117	43	212583	159.16	ug/L	98
14) Carbon disulfide	4.391	76	2410121	98.87	ug/L	99
15) Methyl Acetate	4.672	43	277179	94.13	ug/L	98
16) Methylene chloride	4.921	84	769163	78.21	ug/L	93
17) Methyl tert-butyl Ether	5.427	73	1017211	100.49	ug/L	100
18) trans-1,2-Dichloroethene	5.421	96	848216	95.42	ug/L	96
19) 1,1-Dichloroethane	6.214	63	1441438	98.07	ug/L	97
21) 2-Butanone	7.165	43	356152	188.03	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	891938	95.61	ug/L	94
23) Bromochloromethane	7.512	128	378475	90.61	ug/L	90
25) Chloroform	7.677	83	1511389	91.19	ug/L	99
27) 1,2-Dichloroethane	8.403	62	1015378	90.17	ug/L	97
30) Cyclohexane	7.958	56	1315675	100.56	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	1250353	86.70	ug/L	98
32) Carbon tetrachloride	8.073	117	1209528	87.21	ug/L	100
34) Benzene	8.323	78	3255567	94.09	ug/L	100
35) Trichloroethene	9.091	95	913128	91.42	ug/L	99
36) Methylcyclohexane	9.335	83	1584564	97.14	ug/L	99
40) 1,2-Dichloropropane	9.366	63	765010	94.50	ug/L	98
41) Bromodichloromethane	9.646	83	1125069	90.60	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	1353661	99.37	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	862105	197.20	ug/L	99
44) Toluene	10.390	91	3719478	96.20	ug/L	95
45) trans-1,3-Dichloropropene	10.603	75	1221288	99.26	ug/L	99

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46) 1,1,2-Trichloroethane	10.786	97	604843	90.65	ug/L		99
47) Tetrachloroethene	10.866	164	696352	92.85	ug/L		93
49) 2-Hexanone	10.969	43	593652	195.56	ug/L		99
50) Dibromochloromethane	11.128	129	767371	95.05	ug/L		97
51) 1,2-Dibromoethane	11.237	107	610979	92.85	ug/L		99
52) Chlorobenzene	11.658	112	2398553	95.75	ug/L		98
53) Ethylbenzene	11.731	91	4299870	97.28	ug/L		97
54) m,p-Xylene	11.841	106	1671261	99.19	ug/L		99
55) o-xylene	12.164	106	1613008	101.87	ug/L		97
56) Styrene	12.182	104	2782522	102.57	ug/L		94
57) Isopropylbenzene	12.463	105	4347465	98.04	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	718747	92.08	ug/L		92
59) 1,2,3-Trichloropropane	12.768	75	536826	90.79	ug/L		100
62) Bromoform	12.347	173	455034	101.11	ug/L	#	96
63) 1,3-Dichlorobenzene	13.499	146	1852801	93.32	ug/L		97
64) 1,4-Dichlorobenzene	13.578	146	1863188	94.01	ug/L		91
65) 1,2-Dichlorobenzene	13.865	146	1639966	90.78	ug/L		98
66) 1,2-Dibromo-3-chloropr...	14.481	75	133005	90.97	ug/L		93
67) 1,3,5-Trichlorobenzene	14.627	180	1319120	91.15	ug/L		93
68) 1,2,4-trichlorobenzene	15.127	180	1128556	94.09	ug/L		96
69) Naphthalene	15.365	128	2246618	93.19	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	968078	91.75	ug/L		100

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

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