Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020307.D
Acq On : 06 Oct 2021 10:13
Operator : SY/VA
Sample : VSTD05073
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD050473

Quant Time: Oct 06 15:01:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 06 14:59:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	215934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	199699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	100368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155745	52.333	ug/L	0.00
7) Chloroethane-d5	2.885	69	77974	60.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	317674	51.835	ug/L	0.00
21) 2-Butanone-d5	7.086	46	79215	104.781	ug/L	0.00
24) Chloroform-d	7.652	84	302812	48.839	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	163725	48.250	ug/L	0.00
32) Benzene-d6	8.274	84	597051	49.379	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	188474	49.144	ug/L	0.00
41) Toluene-d8	10.323	98	548689	50.103	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	79183	50.744	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	58360	110.099	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	131248	49.034	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	168919	48.062	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	71889	60.774	ug/L	99
3) Chloromethane	2.214	50	154360	53.364	ug/L	97
5) Vinyl chloride	2.361	62	204991	52.101	ug/L	99
6) Bromomethane	2.775	94	75548	49.612	ug/L	98
8) Chloroethane	2.922	64	70497	59.933	ug/L	95
9) Trichlorofluoromethane	3.257	101	105691	51.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	161327	50.767	ug/L	99
12) 1,1-Dichloroethene	4.043	96	156870	52.209	ug/L	97
13) Acetone	4.135	43	83540	107.487	ug/L	99
14) Carbon disulfide	4.385	76	513753	52.010	ug/L	99
15) Methyl Acetate	4.677	43	72181	50.817	ug/L	100
16) Methylene chloride	4.921	84	157623	40.877	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	161596	51.374	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	214431	52.724	ug/L	99
19) 1,1-Dichloroethane	6.220	63	314638	50.295	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	169574	52.717	ug/L	98
22) 2-Butanone	7.177	43	106575	111.532	ug/L	99
23) Bromochloromethane	7.518	128	67470	49.526	ug/L	99
25) Chloroform	7.677	83	298244	49.848	ug/L	99
27) 1,2-Dichloroethane	8.402	62	197157	49.332	ug/L	99
29) Cyclohexane	7.957	56	327298	55.127	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	243564	50.847	ug/L	99
31) Carbon tetrachloride	8.073	117	213481	51.053	ug/L	99
33) Benzene	8.329	78	685834	49.384	ug/L	100
34) Trichloroethene	9.097	95	170083	49.785	ug/L	97
35) Methylcyclohexane	9.335	83	320129	53.718	ug/L	99
37) 1,2-Dichloropropane	9.372	63	172369	49.820	ug/L	99
38) Bromodichloromethane	9.646	83	211227	50.106	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	257605	52.642	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	207230	109.647	ug/L	100
42) Toluene	10.390	91	711957	50.973	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	223437	52.721	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	107654	49.185	ug/L	98
46) Tetrachloroethene	10.865	164	128014	50.912	ug/L	95
48) 2-Hexanone	10.969	43	158194	114.736	ug/L	99
49) Dibromochloromethane	11.134	129	121344	49.403	ug/L	99
50) 1,2-Dibromoethane	11.237	107	101003	50.183	ug/L	98
51) Chlorobenzene	11.658	112	415256	49.017	ug/L	97
52) Ethylbenzene	11.731	91	789422	51.771	ug/L	100
53) m,p-Xylene	11.841	106	298665	53.019	ug/L	98
54) o-Xylene	12.164	106	279625	53.008	ug/L	96
55) Styrene	12.182	104	483942	53.304	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	130385	50.104	ug/L	97
59) Bromoform	12.347	173	68612	51.164	ug/L	99
60) Isopropylbenzene	12.463	105	788903	52.946	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	98262	49.392	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	656454	54.452	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	647233	53.720	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	316289	50.464	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	309159	48.865	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	277576	49.673	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21665	51.310	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	224356	50.391	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	176314	50.773	ug/L	97
71) Naphthalene	15.365	128	339407	56.110	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	152359	50.229	ug/L	96

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

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