Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022422.D
Acq On : 07 Apr 2022 09:57
Operator : SY/VA
Sample : VSTD05078
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050478

Quant Time: Apr 08 05:56:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 05:54:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	340107	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.627	117	340440	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188031	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	384630	51.156	ug/L		0.00
7) Chloroethane-d5	2.885	69	261431	55.480	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.025	63	490650	50.313	ug/L		0.00
21) 2-Butanone-d5	7.079	46	145943	109.566	ug/L		0.00
24) Chloroform-d	7.652	84	582814	54.824	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	335895	55.301	ug/L		0.00
32) Benzene-d6	8.274	84	1117566	53.730	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	326858	54.303	ug/L		0.00
41) Toluene-d8	10.323	98	1139784	55.952	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	163609	57.595	ug/L		0.00
47) 2-Hexanone-d5	10.920	63	127658	113.992	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	288558	56.381	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	367605	55.195	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	108087	66.777	ug/L		99
3) Chloromethane	2.220	50	205179	49.360	ug/L		100
5) Vinyl chloride	2.367	62	421398	48.584	ug/L		96
6) Bromomethane	2.781	94	252637	47.915	ug/L		99
8) Chloroethane	2.922	64	201025	52.922	ug/L		99
9) Trichlorofluoromethane	3.263	101	152507	47.626	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	246191	49.378	ug/L		96
12) 1,1-Dichloroethene	4.049	96	224912	49.114	ug/L		93
13) Acetone	4.123	43	81552	94.790	ug/L		98
14) Carbon disulfide	4.391	76	753736	50.033	ug/L		98
15) Methyl Acetate	4.671	43	109536	48.026	ug/L		98
16) Methylene chloride	4.915	84	246392	48.145	ug/L		99
17) trans-1,2-Dichloroethene	5.427	96	268060	50.042	ug/L		98
18) Methyl tert-butyl Ether	5.427	73	442809	50.542	ug/L		98
19) 1,1-Dichloroethane	6.214	63	492170	50.282	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	289153	50.895	ug/L	#	99
22) 2-Butanone	7.171	43	135290	100.226	ug/L		96
23) Bromochloromethane	7.512	128	124993	51.262	ug/L		91
25) Chloroform	7.677	83	521489	50.584	ug/L		99
27) 1,2-Dichloroethane	8.402	62	371172	51.225	ug/L		97
29) Cyclohexane	7.957	56	477431	48.999	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	465635	49.307	ug/L		100
31) Carbon tetrachloride	8.067	117	427034	50.382	ug/L		99
33) Benzene	8.323	78	1141458	49.384	ug/L		100
34) Trichloroethene	9.091	95	308058	49.777	ug/L		96
35) Methylcyclohexane	9.335	83	552620	49.770	ug/L		99
37) 1,2-Dichloropropane	9.366	63	278035	50.212	ug/L		99
38) Bromodichloromethane	9.646	83	407903	51.226	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	470953	53.599	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	352422	104.290	ug/L		98
42) Toluene	10.390	91	1369966	51.725	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	430882	54.767	ug/L		96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	217320	51.424	ug/L	97
46) Tetrachloroethene	10.859	164	231891	50.974	ug/L	94
48) 2-Hexanone	10.963	43	247942	103.869	ug/L	99
49) Dibromochloromethane	11.127	129	272598	54.086	ug/L	99
50) 1,2-Dibromoethane	11.237	107	213135	51.076	ug/L	92
51) Chlorobenzene	11.658	112	831181	51.355	ug/L	98
52) Ethylbenzene	11.731	91	1557503	52.468	ug/L	97
53) m,p-Xylene	11.835	106	600314	53.182	ug/L	97
54) o-Xylene	12.164	106	583661	54.108	ug/L	98
55) Styrene	12.176	104	1009296	54.732	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	273292	52.689	ug/L	100
59) Bromoform	12.347	173	147228	52.694	ug/L	97
60) Isopropylbenzene	12.463	105	1632323	52.260	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	202504	50.628	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	889167	51.763	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1358092	51.991	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	646136	50.971	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	646488	51.137	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	582459	51.377	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.480	75	46510	50.137	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	423393	51.190	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	356403	51.309	ug/L	96
71) Naphthalene	15.358	128	763940	52.143	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	310468	52.290	ug/L	98

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

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