Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
Data File : VW023524.D
Acq On : 28 Jun 2022 10:55
Operator : SY/VA
Sample : VSTD05030
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

Quant Time: Jun 29 01:34:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 29 01:31:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	397346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	195840	38.411	ug/L	0.00
7) Chloroethane-d5	2.885	69	171993	44.500	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	358638	44.693	ug/L	0.00
21) 2-Butanone-d5	7.074	46	122149	101.765	ug/L	0.00
24) Chloroform-d	7.653	84	458240	44.914	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	244036	45.437	ug/L	0.00
32) Benzene-d6	8.275	84	836282	44.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	252727	45.420	ug/L	0.00
41) Toluene-d8	10.323	98	884574	48.491	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	122520	48.644	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	106583	119.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	257926	50.327	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	361405	50.042	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	122409	67.680	ug/L	90
3) Chloromethane	2.221	50	237533	48.981	ug/L	98
5) Vinyl chloride	2.361	62	377527	51.430	ug/L	98
6) Bromomethane	2.776	94	218792	52.425	ug/L	99
8) Chloroethane	2.922	64	208976	54.312	ug/L	100
9) Trichlorofluoromethane	3.257	101	192926	50.169	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	260957	49.590	ug/L	99
12) 1,1-Dichloroethene	4.038	96	233446	51.290	ug/L	92
13) Acetone	4.123	43	83277	98.054	ug/L	99
14) Carbon disulfide	4.385	76	759674	53.202	ug/L	99
15) Methyl Acetate	4.672	43	106682	53.799	ug/L	99
16) Methylene chloride	4.915	84	248847	41.906	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	266967	49.883	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	412064	53.862	ug/L	100
19) 1,1-Dichloroethane	6.220	63	444286	49.251	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	285719	50.688	ug/L	89
22) 2-Butanone	7.171	43	143002	100.627	ug/L	97
23) Bromochloromethane	7.519	128	134306	50.364	ug/L	92
25) Chloroform	7.677	83	493002	48.517	ug/L	100
27) 1,2-Dichloroethane	8.403	62	321681	49.234	ug/L	98
29) Cyclohexane	7.958	56	415433	54.068	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	435743	48.922	ug/L	98
31) Carbon tetrachloride	8.067	117	407534	49.825	ug/L	99
33) Benzene	8.323	78	1083073	49.995	ug/L	100
34) Trichloroethene	9.092	95	292228	48.964	ug/L	98
35) Methylcyclohexane	9.335	83	517319	54.490	ug/L	99
37) 1,2-Dichloropropane	9.372	63	253801	49.329	ug/L	100
38) Bromodichloromethane	9.646	83	366184	49.628	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	426224	53.963	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	326350	112.733	ug/L	98
42) Toluene	10.390	91	1245558	52.260	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	385415	55.271	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Jun 29 01:31:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	217433	51.797	ug/L		95
46) Tetrachloroethene	10.866	164	244355	51.869	ug/L		95
48) 2-Hexanone	10.969	43	230264	118.259	ug/L		100
49) Dibromochloromethane	11.128	129	275786	53.888	ug/L		92
50) 1,2-Dibromoethane	11.237	107	214780	52.602	ug/L		95
51) Chlorobenzene	11.658	112	817436	50.518	ug/L		98
52) Ethylbenzene	11.731	91	1410291	53.120	ug/L		99
53) m,p-Xylene	11.841	106	560096	53.377	ug/L		100
54) o-Xylene	12.164	106	540022	55.357	ug/L		98
55) Styrene	12.182	104	934774	55.338	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	271737	53.654	ug/L		97
59) Bromoform	12.353	173	156813	54.145	ug/L		98
60) Isopropylbenzene	12.463	105	1483269	52.142	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	192144	49.813	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	1257042	53.912	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	1242439	54.009	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	666123	50.865	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	672435	50.015	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	610903	51.739	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.481	75	42636	48.140	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	438265	51.091	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	364895	55.124	ug/L		97
71) Naphthalene	15.365	128	769380	61.264	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	321524	56.188	ug/L		97

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

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