Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013246.D
Acq On : 07 Dec 2017 16:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
12/8/2017 11:15:22 AM

Quant Time: Dec 08 03:42:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	215912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	924654	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	544293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1158787	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	768662	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	765866	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	26343	6.04	ng/uL	0.00
5) Phenol-d5	6.88	99	357432	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	202880	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	294617	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	301796	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	151106	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	169151	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	321731	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	374216	25.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	940855	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1192024	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	147751	17.56	ng/ul	0.00
57) Fluorene-d10	15.34	176	781864	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	116713	16.01	ng/ul	0.00
70) Anthracene-d10	17.19	188	1142394	19.68	ng/ul	0.00
76) Pyrene-d10	19.49	212	993326	25.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	742207	19.03	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	31658m	6.468	ng/uL	
4) Benzaldehyde	6.85	77	187414	20.275	ng/ul	93
6) Phenol	6.91	94	356755	19.319	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.13	93	271289	19.214	ng/ul	98
10) 2-Chlorophenol	7.27	128	287037	20.053	ng/ul	94
11) 2-Methylphenol	8.15	108	274469	19.217	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	297245	20.049	ng/ul#	82
14) Acetophenone	8.52	105	465332	19.173	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.50	70	237129	19.397	ng/ul#	66
16) 4-Methylphenol	8.47	108	296345	19.403	ng/ul	95
17) Hexachloroethane	8.77	117	121850	19.553	ng/ul	81
20) Nitrobenzene	8.90	77	347801	18.829	ng/ul	92
21) Isophorone	9.42	82	658473	20.259	ng/ul#	93
23) 2-Nitrophenol	9.60	139	169508	20.834	ng/ul#	75
24) 2,4-Dimethylphenol	9.67	107	352902	19.887	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.90	93	383380	20.154	ng/ul	96
27) 2,4-Dichlorophenol	10.13	162	298126	19.957	ng/ul#	94
28) Naphthalene	10.53	128	933707	19.627	ng/ul	98
30) 4-Chloroaniline	10.65	127	357828	24.866	ng/ul	92
31) Hexachlorobutadiene	10.81	225	205920	19.030	ng/ul	98
32) Caprolactam	11.43	113	96745	20.264	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.78	107	324032	19.774	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	681133	19.047	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	398085	20.269 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	156344	12.094 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	260870	21.306 ng/ul	95
39) 2,4,5-Trichlorophenol	12.84	196	273545	21.032 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	914470	19.879 ng/ul	99
41) 2-Chloronaphthalene	13.21	162	717599	19.884 ng/ul	98
42) 2-Nitroaniline	13.42	65	210402	19.899 ng/ul	85
44) Dimethylphthalate	13.80	163	903440	19.502 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	189620	20.069 ng/ul	97
47) Acenaphthylene	14.06	152	1096281	19.820 ng/ul	99
48) 3-Nitroaniline	14.26	138	182224	21.577 ng/ul	86
49) Acenaphthene	14.41	153	736100	19.536 ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	81125	15.516 ng/ul	97
52) 4-Nitrophenol	14.57	109	139878	16.943 ng/ul#	79
53) Dibenzofuran	14.74	168	1044395	18.776 ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	261142	19.000 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.97	232	230968	19.368 ng/ul#	91
56) Diethylphthalate	15.17	149	906258	19.505 ng/ul	96
58) Fluorene	15.40	166	859595	18.680 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	463811	18.570 ng/ul	99
60) 4-Nitroaniline	15.42	138	184961	18.563 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.49	198	114548	15.725 ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	735335	21.542 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	281840	20.690 ng/ul	96
66) Hexachlorobenzene	16.40	284	300908	20.031 ng/ul#	92
67) Atrazine	16.56	200	277072	21.991 ng/ul	92
68) Pentachlorophenol	16.74	266	161582	18.597 ng/ul	98
69) Phenanthrene	17.13	178	1261601	19.164 ng/ul	98
71) Anthracene	17.23	178	1296391	19.265 ng/ul	99
72) Carbazole	17.50	167	1042633	18.014 ng/ul	99
73) Di-n-butylphthalate	18.06	149	1403539	20.772 ng/ul	98
74) Fluoranthene	19.15	202	1278457	15.847 ng/ul#	91
77) Pyrene	19.52	202	1208604	25.881 ng/ul#	90
78) Butylbenzylphthalate	20.42	149	472984	25.923 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.20	252	294726	18.240 ng/ul	97
80) Benzo(a)anthracene	21.27	228	947219	19.422 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	631540	22.963 ng/ul#	97
82) Chrysene	21.32	228	878051	19.406 ng/ul	98
84) Di-n-octyl phthalate	22.08	149	973270	17.871 ng/ul#	95
85) Benzo(b)fluoranthene	22.84	252	928528	17.985 ng/ul#	99
86) Benzo(k)fluoranthene	22.89	252	850583	17.507 ng/ul#	97
88) Benzo(a)pyrene	23.42	252	871650	18.795 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1084770	23.573 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.77	278	913622	23.317 ng/ul#	97
91) Benzo(g,h,i)perylene	26.45	276	881862	24.295 ng/ul#	96

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

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