Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013184.D
Acq On : 05 Dec 2017 01:31
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
12/5/2017 3:25:55 PM

Quant Time: Dec 05 06:36:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	261468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1116174	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	641286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1453904	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	971976	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	811415	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	35200	6.67	ng/uL	0.00
5) Phenol-d5	6.88	99	434475	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	245147	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	355281	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	362709	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	172742	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	188616	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	368839	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	424127	23.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1069222	18.74	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1389707	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	182601	18.42	ng/ul	0.00
57) Fluorene-d10	15.34	176	926779	18.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	117715	12.87	ng/ul	0.00
70) Anthracene-d10	17.19	188	1435564	19.72	ng/ul	0.00
76) Pyrene-d10	19.49	212	1364428	28.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	793933	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	37492	6.326	ng/uL#	65
4) Benzaldehyde	6.86	77	222148	19.846	ng/ul#	86
6) Phenol	6.91	94	425489	19.026	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.14	93	321351	18.794	ng/ul	99
10) 2-Chlorophenol	7.28	128	345615	19.939	ng/ul	98
11) 2-Methylphenol	8.15	108	325575	18.823	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	349128	19.446	ng/ul#	83
14) Acetophenone	8.52	105	544069	18.511	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.51	70	274558	18.545	ng/ul#	67
16) 4-Methylphenol	8.48	108	353846	19.131	ng/ul	98
17) Hexachloroethane	8.78	117	145707	19.307	ng/ul#	75
20) Nitrobenzene	8.90	77	417357	18.717	ng/ul	95
21) Isophorone	9.42	82	760690	19.388	ng/ul	94
23) 2-Nitrophenol	9.60	139	195758	19.932	ng/ul#	81
24) 2,4-Dimethylphenol	9.67	107	413468	19.302	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.90	93	442558	19.273	ng/ul	94
27) 2,4-Dichlorophenol	10.14	162	343053	19.024	ng/ul#	91
28) Naphthalene	10.53	128	1107091	19.279	ng/ul	99
30) 4-Chloroaniline	10.65	127	414554	23.865	ng/ul	92
31) Hexachlorobutadiene	10.82	225	239145	18.309	ng/ul	90
32) Caprolactam	11.42	113	110795m	19.225	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	366015	18.503	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	799956	18.531	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	454983	19.662 ng/ul	97
37) Hexachlorocyclopentadiene	12.50	237	191496	12.573 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	288712	20.013 ng/ul	100
39) 2,4,5-Trichlorophenol	12.85	196	311444	20.324 ng/ul	96
40) 1,1'-Biphenyl	13.17	154	1048830	19.352 ng/ul	99
41) 2-Chloronaphthalene	13.22	162	844369	19.858 ng/ul	99
42) 2-Nitroaniline	13.43	65	244883	19.657 ng/ul	88
44) Dimethylphthalate	13.81	163	1022496	18.734 ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	218248	19.606 ng/ul	96
47) Acenaphthylene	14.07	152	1277217	19.598 ng/ul	99
48) 3-Nitroaniline	14.26	138	210539	21.159 ng/ul	95
49) Acenaphthene	14.41	153	861667	19.410 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	70681	11.474 ng/ul	92
52) 4-Nitrophenol	14.57	109	170989	17.579 ng/ul	81
53) Dibenzofuran	14.75	168	1246390	19.018 ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	310855	19.197 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.97	232	266323	18.955 ng/ul#	88
56) Diethylphthalate	15.18	149	1041139	19.019 ng/ul	96
58) Fluorene	15.40	166	1011770	18.661 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	534299	18.157 ng/ul	95
60) 4-Nitroaniline	15.42	138	231920	19.755 ng/ul#	87
63) 4,6-Dinitro-2-methylphenol	15.48	198	122208	13.371 ng/ul#	93
64) N-Nitrosodiphenylamine	15.61	169	875391	20.439 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	342231	20.024 ng/ul	95
66) Hexachlorobenzene	16.40	284	363962	19.310 ng/ul#	92
67) Atrazine	16.56	200	331828	20.991 ng/ul	93
68) Pentachlorophenol	16.75	266	206231	18.918 ng/ul	97
69) Phenanthrene	17.13	178	1609425	19.485 ng/ul	99
71) Anthracene	17.23	178	1644728	19.480 ng/ul	100
72) Carbazole	17.50	167	1374091	18.921 ng/ul	100
73) Di-n-butylphthalate	18.07	149	1763143	20.797 ng/ul	98
74) Fluoranthene	19.15	202	1716428	16.957 ng/ul#	91
77) Pyrene	19.52	202	1640631	27.784 ng/ul#	91
78) Butylbenzylphthalate	20.42	149	662020	28.693 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	365496	17.888 ng/ul#	98
80) Benzo(a)anthracene	21.26	228	1217157	19.737 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	914277	26.290 ng/ul	99
82) Chrysene	21.32	228	1109429	19.391 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1317640	22.836 ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	979132	17.900 ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	991159	19.255 ng/ul#	98
88) Benzo(a)pyrene	23.41	252	934990	19.029 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1113919	22.848 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.76	278	929445	22.389 ng/ul#	96
91) Benzo(g,h,i)perylene	26.43	276	916673	23.837 ng/ul#	94

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

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