Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032817\
Data File : BM009430.D
Acq On : 28 Mar 2017 01:45
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
mohammad
3/28/2017 12:49:51 PM

Quant Time: Mar 28 04:05:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 28 02:24:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	147991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	633376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	402486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	965944	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1296842	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1184407	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	28305	7.29	ng/uL	0.00
5) Phenol-d5	7.00	99	273520	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	199503	20.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	192856	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	203323	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	96043	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	100306	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	202297	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	233688	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	631981	22.33	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	784640	22.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	109523	20.99	ng/ul	0.00
57) Fluorene-d10	15.49	176	587870	22.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	111356	18.24	ng/ul	0.00
70) Anthracene-d10	17.34	188	935561m	20.31	ng/ul	0.00
78) Pyrene-d10	19.63	212	1091244	19.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1159301	21.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	33891	7.81	ng/uL#	62
4) Benzaldehyde	7.00	77	210864	22.49	ng/ul	84
6) Phenol	7.03	94	295467	20.64	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.27	93	227633	20.41	ng/ul#	79
10) 2-Chlorophenol	7.41	128	198300	20.68	ng/ul#	77
11) 2-Methylphenol	8.29	108	205890	20.78	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	384591	21.25	ng/ul#	86
14) Acetophenone	8.67	105	351974	20.66	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.66	70	213032	21.67	ng/ul#	76
16) 4-Methylphenol	8.62	108	227627	21.16	ng/ul	90
17) Hexachloroethane	8.92	117	93598	20.23	ng/ul	97
20) Nitrobenzene	9.06	77	327266	20.85	ng/ul#	79
21) Isophorone	9.57	82	532305	20.39	ng/ul#	92
23) 2-Nitrophenol	9.77	139	108720	20.36	ng/ul#	67
24) 2,4-Dimethylphenol	9.82	107	245855	18.64	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.06	93	307010	20.30	ng/ul#	96
27) 2,4-Dichlorophenol	10.29	162	203239	20.40	ng/ul#	93
28) Naphthalene	10.70	128	663542	20.70	ng/ul	100
30) 4-Chloroaniline	10.82	127	249324	20.68	ng/ul	98
31) Hexachlorobutadiene	10.97	225	156851	20.10	ng/ul	98
32) Caprolactam	11.59	113	60363	19.67	ng/ul#	23
33) 4-Chloro-3-methylphenol	11.93	107	233372	20.86	ng/ul	92
34) 2-Methylnaphthalene	12.31	142	478464	20.70	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	295955	21.89	ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	121837	14.36	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.92	196	167103	21.10	ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	186068	21.78	ng/ul	94
40) 1,1'-Biphenyl	13.32	154	649711	21.85	ng/ul#	96
41) 2-Chloronaphthalene	13.37	162	506632	21.90	ng/ul	96
42) 2-Nitroaniline	13.58	65	192466	22.57	ng/ul#	66
44) Dimethylphthalate	13.95	163	625401	22.15	ng/ul	97
45) 2,6-Dinitrotoluene	14.07	165	123128	22.56	ng/ul#	71
47) Acenaphthylene	14.22	152	787633	22.27	ng/ul	98
48) 3-Nitroaniline	14.41	138	124813	22.18	ng/ul#	81
49) Acenaphthene	14.56	153	569036	22.91	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	67357	17.96	ng/ul#	73
52) 4-Nitrophenol	14.70	109	131532	21.51	ng/ul#	76
53) Dibenzofuran	14.89	168	832493	23.12	ng/ul	96
54) 2,4-Dinitrotoluene	14.86	165	186201	22.83	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.12	232	171694	22.30	ng/ul	93
56) Diethylphthalate	15.31	149	671349	23.18	ng/ul	99
58) Fluorene	15.54	166	686727	23.39	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.53	204	346208	22.11	ng/ul	91
60) 4-Nitroaniline	15.57	138	138403	23.16	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	15.62	198	119062	18.13	ng/ul#	81
64) N-Nitrosodiphenylamine	15.75	169	579596	19.89	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	218433	20.19	ng/ul	91
66) Hexachlorobenzene	16.54	284	241098	19.78	ng/ul	98
67) Atrazine	16.70	200	210311	18.92	ng/ul	98
68) Pentachlorophenol	16.89	266	136482	18.49	ng/ul	95
69) Phenanthrene	17.29	178	1109335	20.40	ng/ul	99
71) Anthracene	17.37	178	1113288	20.00	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	269761	19.00	ng/uL	97
73) Pentachlorobenzene	14.81	250	272579	19.41	ng/uL	97
74) Carbazole	17.65	167	1007403	20.07	ng/ul	99
75) Di-n-butylphthalate	18.20	149	1156542	21.35	ng/ul#	97
76) Fluoranthene	19.30	202	1321503	20.10	ng/ul	98
79) Pyrene	19.66	202	1417139	19.89	ng/ul	98
80) Butylbenzylphthalate	20.55	149	527415	20.29	ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.34	252	469888	18.88	ng/ul	99
82) Benzo(a)anthracene	21.40	228	1483839	20.12	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.32	149	762353	19.99	ng/ul	100
84) Chrysene	21.46	228	1426634	20.42	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	1337149	19.45	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1530186	21.39	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1429741	20.98	ng/ul#	97
90) Benzo(a)pyrene	23.64	252	1446452	21.21	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.11	276	1695224	21.83	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.12	278	1425633	21.43	ng/ul#	96
93) Benzo(g,h,i)perylene	26.84	276	1366117	21.12	ng/ul#	93

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

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