Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008912.D
Acq On : 30 Jan 2017 15:18
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
1/31/2017 3:39:52 PM

Quant Time: Jan 30 15:54:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 30 15:44:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	43021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	183819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	148292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	363266	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	504335	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	453055	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	8261	7.68	ng/uL	0.00
5) Phenol-d5	7.07	99	81423	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	67047	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	51698	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	61093	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	24457	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	29122	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	60102	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	57735	20.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	219792	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	251953	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	33248	18.74	ng/ul	0.00
57) Fluorene-d10	15.55	176	204040	20.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	45063	19.16	ng/ul	0.00
70) Anthracene-d10	17.40	188	352383	20.30	ng/ul	0.00
76) Pyrene-d10	19.69	212	438013	19.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.68	264	417797	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	9354	6.91	ng/uL	100
4) Benzaldehyde	7.06	77	77858	19.37	ng/ul	98
6) Phenol	7.10	94	84749	19.88	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.35	93	65711	20.39	ng/ul	96
10) 2-Chlorophenol	7.48	128	50348	19.64	ng/ul#	82
11) 2-Methylphenol	8.35	108	56947	19.05	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.45	45	128619	20.15	ng/ul#	92
14) Acetophenone	8.75	105	113976	19.99	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.72	70	79345	21.18	ng/ul	96
16) 4-Methylphenol	8.68	108	62481	19.58	ng/ul	93
17) Hexachloroethane	9.00	117	34075	20.87	ng/ul	97
20) Nitrobenzene	9.13	77	120053	19.74	ng/ul	95
21) Isophorone	9.65	82	183377	20.33	ng/ul	98
23) 2-Nitrophenol	9.84	139	31175	20.34	ng/ul	91
24) 2,4-Dimethylphenol	9.88	107	96584	20.74	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.13	93	91205	19.88	ng/ul	91
27) 2,4-Dichlorophenol	10.36	162	61165	19.62	ng/ul	97
28) Naphthalene	10.77	128	183105	20.10	ng/ul	98
30) 4-Chloroaniline	10.89	127	61949	20.72	ng/ul	99
31) Hexachlorobutadiene	11.05	225	59852	19.44	ng/ul	97
32) Caprolactam	11.66	113	17142m	18.10	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	81466	19.67	ng/ul	90
34) 2-Methylnaphthalene	12.38	142	143836	20.16	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	99370	19.96 ng/ul	93
37) Hexachlorocyclopentadiene	12.72	237	71777	18.95 ng/ul	97
38) 2,4,6-Trichlorophenol	12.99	196	60504	20.13 ng/ul	90
39) 2,4,5-Trichlorophenol	13.05	196	68782	20.99 ng/ul	97
40) 1,1'-Biphenyl	13.39	154	207417	20.57 ng/ul	95
41) 2-Chloronaphthalene	13.43	162	159662	20.20 ng/ul	95
42) 2-Nitroaniline	13.64	65	88560	20.78 ng/ul	97
44) Dimethylphthalate	14.01	163	223513	21.08 ng/ul#	94
45) 2,6-Dinitrotoluene	14.13	165	42929	21.15 ng/ul	90
47) Acenaphthylene	14.28	152	245700	20.25 ng/ul	97
48) 3-Nitroaniline	14.47	138	34792	19.98 ng/ul	93
49) Acenaphthene	14.62	153	175408	20.14 ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	29712	19.38 ng/ul	96
52) 4-Nitrophenol	14.76	109	82866	21.42 ng/ul	94
53) Dibenzofuran	14.96	168	273790	20.63 ng/ul	92
54) 2,4-Dinitrotoluene	14.92	165	65813	21.34 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.17	232	67611	21.41 ng/ul#	93
56) Diethylphthalate	15.37	149	243096	20.69 ng/ul	95
58) Fluorene	15.60	166	229585	20.33 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.60	204	130461	20.21 ng/ul#	91
60) 4-Nitroaniline	15.63	138	47713	21.17 ng/ul	83
63) 4,6-Dinitro-2-methylphenol	15.67	198	48931	20.56 ng/ul	99
64) N-Nitrosodiphenylamine	15.81	169	201132	20.02 ng/ul	98
65) 4-Bromophenyl-phenylether	16.49	248	88458	20.74 ng/ul	93
66) Hexachlorobenzene	16.60	284	92254	20.08 ng/ul	97
67) Atrazine	16.76	200	93633	20.66 ng/ul#	92
68) Pentachlorophenol	16.94	266	53037	18.17 ng/ul	93
69) Phenanthrene	17.34	178	401188	20.41 ng/ul	98
71) Anthracene	17.44	178	414848	20.53 ng/ul	98
72) Carbazole	17.71	167	360531	20.07 ng/ul	97
73) Di-n-butylphthalate	18.26	149	443686	20.86 ng/ul	99
74) Fluoranthene	19.36	202	524557	19.99 ng/ul	99
77) Pyrene	19.72	202	538191	19.29 ng/ul	97
78) Butylbenzylphthalate	20.60	149	202844	19.59 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.39	252	195179	19.82 ng/ul#	98
80) Benzo(a)anthracene	21.46	228	586135	20.11 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.37	149	282643	19.51 ng/ul	94
82) Chrysene	21.51	228	550953	19.99 ng/ul	100
84) Di-n-octyl phthalate	22.28	149	502632	18.31 ng/ul#	97
85) Benzo(b)fluoranthene	23.12	252	559816	20.42 ng/ul	99
86) Benzo(k)fluoranthene	23.16	252	534236	20.35 ng/ul	98
88) Benzo(a)pyrene	23.73	252	527024	20.13 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.24	276	552659	19.62 ng/ul	98
90) Dibenzo(a,h)anthracene	26.25	278	474923	19.75 ng/ul#	98
91) Benzo(g,h,i)perylene	26.98	276	452711	19.62 ng/ul	98

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

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