Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM022616\
Data File : BM004422.D
Acq On : 26 Feb 2016 09:39
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
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2/29/2016 2:50:26 PM

Quant Time: Feb 26 23:20:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 03:49:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	29790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	134395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	76538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	155885	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	157557	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	153820	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4221	7.47	ng/uL	0.00
5) Phenol-d5	6.80	99	45324	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	23562	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	41080	19.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	39458	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	19995	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	22507	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	40567	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	53765	20.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	118569	18.06	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	150475	19.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	15525	14.71	ng/ul	0.00
58) Fluorene-d10	15.27	176	103034	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	16163	16.88	ng/ul	0.00
71) Anthracene-d10	17.13	188	150273	19.67	ng/ul	0.00
79) Pyrene-d10	19.44	212	155382	20.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	159135	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	5009	7.69	ng/uL#	88
4) Benzaldehyde	6.76	77	28761	21.28	ng/ul	95
6) Phenol	6.83	94	48289	18.13	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	37500	19.02	ng/ul	96
10) 2-Chlorophenol	7.18	128	43018	19.21	ng/ul	97
11) 2-Methylphenol	8.07	108	39132	18.01	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	34095	18.01	ng/ul	95
14) Acetophenone	8.44	105	64261	18.37	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	29144	17.34	ng/ul	96
16) 4-Methylphenol	8.40	108	42752	17.95	ng/ul	99
17) Hexachloroethane	8.67	117	16755	19.69	ng/ul	95
20) Nitrobenzene	8.82	77	42637	19.08	ng/ul	94
21) Isophorone	9.33	82	82150	17.73	ng/ul	97
23) 2-Nitrophenol	9.53	139	25555	19.49	ng/ul	89
24) 2,4-Dimethylphenol	9.59	107	48650	18.58	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	52006	18.63	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	42547	19.17	ng/ul	98
28) Naphthalene	10.45	128	143739	19.18	ng/ul	99
30) 4-Chloroaniline	10.57	127	56849	20.56	ng/ul	99
31) Hexachlorobutadiene	10.73	225	28338	20.34	ng/ul	99
32) Caprolactam	11.33	113	11172	14.46	ng/ul	88
33) 4-Chloro-3-methylphenol	11.72	107	44408	17.09	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	103780	18.51	ng/ul	100

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35) 1-Methylnaphthalene	12.30	142	97772	18.33	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	53506	21.03	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	13313	14.03	ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	31683	19.15	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	34444	19.18	ng/ul	100
41) 1,1'-Biphenyl	13.10	154	132995	20.22	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	101554	20.29	ng/ul	98
43) 2-Nitroaniline	13.36	65	22279	17.66	ng/ul	93
45) Dimethylphthalate	13.74	163	124586	18.20	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	25108	18.29	ng/ul	95
48) Acenaphthylene	14.00	152	162358	19.42	ng/ul	100
49) 3-Nitroaniline	14.20	138	24831	18.23	ng/ul	96
50) Acenaphthene	14.34	153	109459	19.17	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	7530	12.09	ng/ul	95
53) 4-Nitrophenol	14.54	109	11293	14.32	ng/ul	92
54) Dibenzofuran	14.68	168	151898	19.05	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	36222	17.67	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	25983	17.47	ng/ul	96
57) Diethylphthalate	15.11	149	123556	17.44	ng/ul	98
59) Fluorene	15.33	166	122648	18.56	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	61237	18.89	ng/ul	93
61) 4-Nitroaniline	15.37	138	25212m	17.17	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.44	198	17337	16.80	ng/ul#	97
65) N-Nitrosodiphenylamine	15.54	169	103929	20.84	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	35184	20.72	ng/ul	95
67) Hexachlorobenzene	16.34	284	38223	20.25	ng/ul	94
68) Atrazine	16.50	200	35044	18.95	ng/ul	98
69) Pentachlorophenol	16.70	266	11979	16.08	ng/ul	98
70) Phenanthrene	17.07	178	184237	19.68	ng/ul	98
72) Anthracene	17.17	178	187300	19.69	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	49608	23.88	ng/uL	99
74) Pentachlorobenzene	14.60	250	47130	22.08	ng/uL	98
75) Carbazole	17.44	167	157960	19.05	ng/ul	99
76) Di-n-butylphthalate	18.00	149	199031	17.30	ng/ul	99
77) Fluoranthene	19.10	202	200884	18.94	ng/ul	99
80) Pyrene	19.47	202	210418	20.43	ng/ul	100
81) Butylbenzylphthalate	20.37	149	85754	18.93	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	66504	20.95	ng/ul	99
83) Benzo(a)anthracene	21.23	228	194700	19.21	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	127449	19.03	ng/ul	99
85) Chrysene	21.28	228	186145	19.09	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	222619	17.59	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	190565	18.33	ng/ul	100
89) Benzo(k)fluoranthene	22.84	252	192434	19.65	ng/ul	99
91) Benzo(a)pyrene	23.37	252	190226	19.70	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.70	276	212748	23.55	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	177319	23.79	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	181997	24.50	ng/ul	100

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

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