Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006648.D
Acq On : 26 Jul 2016 13:07
Operator : UM/SJ
Sample : SSTD02036
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Jul 26 13:53:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 13:35:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	127227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	556480	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	321097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	742019	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	830837	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	876410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	24887	8.24	ng/uL	0.00
5) Phenol-d5	6.80	99	230623	22.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	141401	22.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	179034	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	180086	21.74	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	87763	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	93818	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	173007	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	169490	18.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	525782	20.01	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	662660	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	87531	19.17	ng/ul	0.00
57) Fluorene-d10	15.26	176	458139	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	76517	17.83	ng/ul	0.00
70) Anthracene-d10	17.12	188	707163	20.16	ng/ul	0.00
76) Pyrene-d10	19.42	212	789371	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	811572	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	26405	8.16	ng/uL#	26
4) Benzaldehyde	6.76	77	149191	23.69	ng/ul	95
6) Phenol	6.82	94	241539	21.98	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	184198	22.74	ng/ul	99
10) 2-Chlorophenol	7.18	128	183837	21.19	ng/ul	96
11) 2-Methylphenol	8.06	108	183376	22.40	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	267619	20.32	ng/ul	98
14) Acetophenone	8.43	105	286567	21.96	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	157072	22.81	ng/ul	97
16) 4-Methylphenol	8.39	108	196399	22.20	ng/ul	95
17) Hexachloroethane	8.67	117	76446	20.71	ng/ul	94
20) Nitrobenzene	8.81	77	224537	19.99	ng/ul	98
21) Isophorone	9.33	82	419162	20.90	ng/ul	100
23) 2-Nitrophenol	9.52	139	102646	19.58	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	220344	19.43	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.81	93	260494	21.72	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	173405	19.10	ng/ul	99
28) Naphthalene	10.44	128	564939	20.00	ng/ul	99
30) 4-Chloroaniline	10.56	127	175298	17.88	ng/ul	95
31) Hexachlorobutadiene	10.72	225	106369	17.16	ng/ul	97
32) Caprolactam	11.32	113	63374	21.97	ng/ul	94
33) 4-Chloro-3-methylphenol	11.70	107	204886	20.15	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	421011	19.78	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	210001	18.64	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	77668	13.09	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	143273	19.59	ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	147072	19.52	ng/ul	96
40) 1,1'-Biphenyl	13.09	154	538156	20.32	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	415844	20.08	ng/ul	100
42) 2-Nitroaniline	13.35	65	147216	20.78	ng/ul	95
44) Dimethylphthalate	13.73	163	526055	19.73	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	111031	20.96	ng/ul	95
47) Acenaphthylene	13.99	152	689015	20.36	ng/ul	99
48) 3-Nitroaniline	14.19	138	100469	20.13	ng/ul	92
49) Acenaphthene	14.33	153	438595	20.15	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	45011	14.95	ng/ul	95
52) 4-Nitrophenol	14.52	109	80359	15.55	ng/ul	96
53) Dibenzofuran	14.67	168	624734	19.71	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	158356	20.00	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	125182	18.34	ng/ul	100
56) Diethylphthalate	15.10	149	553805	19.69	ng/ul	99
58) Fluorene	15.32	166	514525	20.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	253045	19.63	ng/ul	97
60) 4-Nitroaniline	15.35	138	128537	21.72	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.43	198	85166	18.63	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	454015	20.83	ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	162728	19.68	ng/ul	100
66) Hexachlorobenzene	16.33	284	176621	19.16	ng/ul	99
67) Atrazine	16.49	200	166565	20.68	ng/ul	99
68) Pentachlorophenol	16.68	266	72840	16.43	ng/ul	94
69) Phenanthrene	17.06	178	823787	20.19	ng/ul	99
71) Anthracene	17.15	178	857632	20.44	ng/ul	99
72) Carbazole	17.43	167	778242	21.93	ng/ul	100
73) Di-n-butylphthalate	17.99	149	993109	20.46	ng/ul	99
74) Fluoranthene	19.09	202	988028	20.84	ng/ul	99
77) Pyrene	19.45	202	1032210	20.81	ng/ul	99
78) Butylbenzylphthalate	20.36	149	475488	21.80	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	313321	19.36	ng/ul	98
80) Benzo(a)anthracene	21.21	228	1014168	20.00	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	689930	22.78	ng/ul	99
82) Chrysene	21.26	228	927236	19.42	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1217994	23.84	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	1092086	20.85	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	968453	19.66	ng/ul	99
88) Benzo(a)pyrene	23.33	252	1022873	20.39	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.64	276	1197488	20.51	ng/ul	98
90) Dibenzo(a,h)anthracene	25.64	278	1013261	20.89	ng/ul	99
91) Benzo(g,h,i)perylene	26.31	276	1026628	19.90	ng/ul	97

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

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