Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008289.D
Acq On : 14 Dec 2016 01:46
Operator : UM/SJ
Sample : SSTD02045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Dec 14 04:54:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 04:50:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	101540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	404305	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	272052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	574349	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	760024	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	754762	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	18651	8.64	ng/uL	0.00
5) Phenol-d5	6.86	99	166463	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	98042	21.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	127333	21.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	128420	21.04	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	61861	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	67891	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	129437	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	152834	22.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	396272	21.94	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	466088	21.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	51102	18.94	ng/ul	0.00
57) Fluorene-d10	15.31	176	343032	21.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	66182	19.61	ng/ul	0.00
70) Anthracene-d10	17.16	188	538487	21.46	ng/ul	0.00
76) Pyrene-d10	19.47	212	639524	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	680953	21.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	21772	8.44	ng/uL	100
4) Benzaldehyde	6.84	77	124381	23.77	ng/ul	100
6) Phenol	6.89	94	172027	21.18	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.11	93	130331	21.31	ng/ul	100
10) 2-Chlorophenol	7.25	128	130406	21.90	ng/ul	100
11) 2-Methylphenol	8.12	108	125990	21.20	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	151877	21.81	ng/ul	100
14) Acetophenone	8.50	105	209954	21.20	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.48	70	111052	21.85	ng/ul	100
16) 4-Methylphenol	8.45	108	134374	20.94	ng/ul	100
17) Hexachloroethane	8.73	117	59636	21.77	ng/ul	100
20) Nitrobenzene	8.87	77	159903	21.08	ng/ul	100
21) Isophorone	9.39	82	292087	21.50	ng/ul	100
23) 2-Nitrophenol	9.58	139	69931	21.03	ng/ul	100
24) 2,4-Dimethylphenol	9.64	107	159525	21.46	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	170416	21.64	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	129861	21.54	ng/ul	100
28) Naphthalene	10.50	128	413560	21.55	ng/ul	100
30) 4-Chloroaniline	10.63	127	154816	22.50	ng/ul	100
31) Hexachlorobutadiene	10.77	225	102578	21.17	ng/ul	100
32) Caprolactam	11.43	113	38483	20.69	ng/ul	100
33) 4-Chloro-3-methylphenol	11.76	107	140476	21.58	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	296712	21.45	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	184031	21.58 ng/ul	100
37) Hexachlorocyclopentadiene	12.46	237	55006	16.71 ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	104073	21.21 ng/ul	100
39) 2,4,5-Trichlorophenol	12.83	196	110521	21.21 ng/ul	100
40) 1,1'-Biphenyl	13.14	154	395719	21.93 ng/ul	100
41) 2-Chloronaphthalene	13.18	162	302127	21.72 ng/ul	100
42) 2-Nitroaniline	13.41	65	89212	21.37 ng/ul	100
44) Dimethylphthalate	13.77	163	388464	22.01 ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	74609	21.64 ng/ul	100
47) Acenaphthylene	14.03	152	481485	22.06 ng/ul	100
48) 3-Nitroaniline	14.25	138	73002	21.59 ng/ul	100
49) Acenaphthene	14.37	153	328709	21.93 ng/ul	100
50) 2,4-Dinitrophenol	14.48	184	35244	17.74 ng/ul	100
52) 4-Nitrophenol	14.57	109	49841	18.49 ng/ul	100
53) Dibenzofuran	14.72	168	479109	22.05 ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	113980	22.07 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.95	232	106677	21.55 ng/ul	100
56) Diethylphthalate	15.15	149	384007	21.69 ng/ul	100
58) Fluorene	15.37	166	388275	21.85 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	209569	22.01 ng/ul	100
60) 4-Nitroaniline	15.42	138	68768	21.68 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.48	198	68918	19.74 ng/ul	100
64) N-Nitrosodiphenylamine	15.58	169	336790	21.47 ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	136669	21.39 ng/ul	100
66) Hexachlorobenzene	16.37	284	154432	21.64 ng/ul	100
67) Atrazine	16.54	200	131864	20.63 ng/ul	100
68) Pentachlorophenol	16.73	266	75031	19.25 ng/ul	100
69) Phenanthrene	17.11	178	636757	21.58 ng/ul	100
71) Anthracene	17.20	178	650721	21.79 ng/ul	100
72) Carbazole	17.49	167	551751	21.04 ng/ul	100
73) Di-n-butylphthalate	18.03	149	633127	21.12 ng/ul	100
74) Fluoranthene	19.13	202	771753	21.45 ng/ul	100
77) Pyrene	19.50	202	803198	21.32 ng/ul	100
78) Butylbenzylphthalate	20.40	149	286907	20.69 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.19	252	294180	22.42 ng/ul	100
80) Benzo(a)anthracene	21.24	228	845829	21.46 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	424335	20.92 ng/ul	100
82) Chrysene	21.30	228	830836	21.80 ng/ul	100
84) Di-n-octyl phthalate	22.04	149	752508	20.53 ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	873390	21.62 ng/ul	100
86) Benzo(k)fluoranthene	22.87	252	873338	22.35 ng/ul	100
88) Benzo(a)pyrene	23.40	252	869568	22.17 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	1041994	21.82 ng/ul	100
90) Dibenzo(a,h)anthracene	25.73	278	873132	21.72 ng/ul	100
91) Benzo(g,h,i)perylene	26.41	276	865654	21.80 ng/ul	100

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

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