Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005048.D
Acq On : 25 Apr 2016 16:46
Operator : UM/SJ
Sample : SSTD01036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01036

Quant Time: Apr 25 18:02:38 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 25 17:47:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	185695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	122178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	297318	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	349844	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	311052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	3229	4.06	ng/uL	0.00
5) Phenol-d5	6.97	99	30520	9.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	19229	10.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	25428	9.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	26172	9.36	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	12157	9.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	13303	9.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	26811	9.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	31757	9.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	97336	10.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	115633	10.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	13970	8.32	ng/ul	0.00
57) Fluorene-d10	15.43	176	87146	10.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	14148	8.40	ng/ul	0.00
70) Anthracene-d10	17.29	188	138347	10.36	ng/ul	0.00
76) Pyrene-d10	19.58	212	160601	9.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	140214	10.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	5857	4.11	ng/uL	94
4) Benzaldehyde	6.95	77	19768	12.21	ng/ul	93
6) Phenol	6.99	94	33104	9.65	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	27121	10.36	ng/ul	97
10) 2-Chlorophenol	7.36	128	26265	9.83	ng/ul	99
11) 2-Methylphenol	8.24	108	24968	9.31	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	35520	10.53	ng/ul	99
14) Acetophenone	8.62	105	43333	10.30	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	21248	10.11	ng/ul	97
16) 4-Methylphenol	8.56	108	28820	9.69	ng/ul	99
17) Hexachloroethane	8.87	117	10377	9.75	ng/ul	98
20) Nitrobenzene	9.00	77	30756	9.69	ng/ul	96
21) Isophorone	9.52	82	59108	9.70	ng/ul	99
23) 2-Nitrophenol	9.71	139	14932	9.48	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	32944	9.77	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	37730	10.03	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	27320	9.68	ng/ul	100
28) Naphthalene	10.64	128	94769	10.08	ng/ul	100
30) 4-Chloroaniline	10.75	127	32772	9.99	ng/ul	98
31) Hexachlorobutadiene	10.92	225	18673	10.14	ng/ul	98
32) Caprolactam	11.50	113	8109	8.23	ng/ul	93
33) 4-Chloro-3-methylphenol	11.87	107	31706	9.74	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	71843	10.33	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	38599	10.20	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	19900	8.78	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	23322	9.50	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	26518	9.71	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	98682	10.26	ng/ul	97
41) 2-Chloronaphthalene	13.31	162	74091	10.10	ng/ul	98
42) 2-Nitroaniline	13.52	65	17941	8.87	ng/ul	95
44) Dimethylphthalate	13.89	163	98610	10.19	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	17653	9.34	ng/ul	90
47) Acenaphthylene	14.16	152	124648	10.28	ng/ul	98
48) 3-Nitroaniline	14.35	138	16494	8.67	ng/ul	99
49) Acenaphthene	14.50	153	81915	10.25	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	6249	5.72	ng/ul	95
52) 4-Nitrophenol	14.65	109	12765	8.57	ng/ul	91
53) Dibenzofuran	14.84	168	121741	10.38	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	27711	9.80	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.07	232	22986	9.58	ng/ul#	99
56) Diethylphthalate	15.26	149	98860	10.09	ng/ul	99
58) Fluorene	15.49	166	97890	10.68	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	49350	10.66	ng/ul	99
60) 4-Nitroaniline	15.51	138	18485	9.00	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.57	198	15330	8.66	ng/ul	96
64) N-Nitrosodiphenylamine	15.70	169	84356	10.23	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	29472	10.12	ng/ul	99
66) Hexachlorobenzene	16.49	284	33777	10.22	ng/ul	99
67) Atrazine	16.64	200	30035	9.88	ng/ul	99
68) Pentachlorophenol	16.84	266	16274	8.56	ng/ul	99
69) Phenanthrene	17.23	178	165475	10.44	ng/ul	100
71) Anthracene	17.32	178	167790	10.54	ng/ul	99
72) Carbazole	17.59	167	147033	10.73	ng/ul	99
73) Di-n-butylphthalate	18.15	149	161859	10.01	ng/ul	100
74) Fluoranthene	19.24	202	195934	11.31	ng/ul	98
77) Pyrene	19.61	202	207484	10.14	ng/ul	98
78) Butylbenzylphthalate	20.51	149	72115	9.00	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	58136	9.42	ng/ul	100
80) Benzo(a)anthracene	21.36	228	202390	10.09	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	105747	9.43	ng/ul	99
82) Chrysene	21.42	228	197014	10.23	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	183927	9.28	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	199550	10.33	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	184050	10.33	ng/ul	99
88) Benzo(a)pyrene	23.56	252	179006	10.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	162389	9.80	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	136245	9.83	ng/ul	98
91) Benzo(g,h,i)perylene	26.68	276	130687	9.57	ng/ul	99

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

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