Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050416\
Data File : BM005222.D
Acq On : 04 May 2016 13:30
Operator : UM/SJ
Sample : SSTD02036
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: May 04 15:55:46 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 04 15:54:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	10397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	54425	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	39155	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	107583	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	161292	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	180472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1688	8.25	ng/uL	0.00
5) Phenol-d5	6.95	99	19866	23.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	11216	22.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	14424	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	16413	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	7039	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	7629	18.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	15677	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	23866	25.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	64093	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	73366	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	12219	22.61	ng/ul	0.00
57) Fluorene-d10	15.42	176	57527	21.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	10785	17.62	ng/ul	0.00
70) Anthracene-d10	17.27	188	99969	20.72	ng/ul	0.00
76) Pyrene-d10	19.56	212	128779	17.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	161527	19.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	3151	8.30	ng/uL	95
4) Benzaldehyde	6.93	77	11566	27.09	ng/ul	96
6) Phenol	6.98	94	21361	23.83	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	15346	22.32	ng/ul	97
10) 2-Chlorophenol	7.35	128	15116	21.62	ng/ul	96
11) 2-Methylphenol	8.22	108	15668	22.39	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.31	45	20786	23.38	ng/ul	99
14) Acetophenone	8.60	105	26756	24.38	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	12942	23.55	ng/ul	97
16) 4-Methylphenol	8.55	108	18210	23.39	ng/ul	95
17) Hexachloroethane	8.85	117	5572	20.01	ng/ul	91
20) Nitrobenzene	8.98	77	18895	20.37	ng/ul	95
21) Isophorone	9.49	82	36611	20.78	ng/ul	97
23) 2-Nitrophenol	9.69	139	8704	19.04	ng/ul	92
24) 2,4-Dimethylphenol	9.75	107	20295	20.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.98	93	22670	20.71	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	16408	19.98	ng/ul	99
28) Naphthalene	10.62	128	56384	20.54	ng/ul	100
30) 4-Chloroaniline	10.73	127	24595	25.80	ng/ul	98
31) Hexachlorobutadiene	10.90	225	9344	17.25	ng/ul	98
32) Caprolactam	11.49	113	6187	21.79	ng/ul	89
33) 4-Chloro-3-methylphenol	11.86	107	21082	22.45	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	43126	21.22	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	21884	17.89 ng/ul	96
37) Hexachlorocyclopentadiene	12.58	237	7835	10.79 ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	13961	17.94 ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	16070	18.44 ng/ul	100
40) 1,1'-Biphenyl	13.25	154	60209	19.44 ng/ul	99
41) 2-Chloronaphthalene	13.29	162	45520	19.32 ng/ul	100
42) 2-Nitroaniline	13.50	65	13136	20.56 ng/ul	95
44) Dimethylphthalate	13.87	163	65871	21.24 ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	11324	18.91 ng/ul#	84
47) Acenaphthylene	14.14	152	80728	20.72 ng/ul	99
48) 3-Nitroaniline	14.33	138	14011	22.99 ng/ul	99
49) Acenaphthene	14.49	153	53648	20.93 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	4705	13.46 ng/ul#	88
52) 4-Nitrophenol	14.64	109	10639	22.01 ng/ul	95
53) Dibenzofuran	14.82	168	79452	21.02 ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	19691	21.64 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.05	232	14872	19.65 ng/ul#	98
56) Diethylphthalate	15.24	149	67390	21.53 ng/ul	99
58) Fluorene	15.47	166	66181	22.55 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	31464	21.25 ng/ul	96
60) 4-Nitroaniline	15.50	138	16559	25.20 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	11820	18.34 ng/ul	97
64) N-Nitrosodiphenylamine	15.68	169	59138	20.00 ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	19267	18.35 ng/ul	97
66) Hexachlorobenzene	16.47	284	22520	18.83 ng/ul	99
67) Atrazine	16.63	200	22123	20.30 ng/ul	97
68) Pentachlorophenol	16.82	266	10404	15.08 ng/ul	97
69) Phenanthrene	17.21	178	120133	20.98 ng/ul	99
71) Anthracene	17.30	178	122829	21.28 ng/ul	100
72) Carbazole	17.57	167	119757	24.20 ng/ul	100
73) Di-n-butylphthalate	18.13	149	121330	20.94 ng/ul	99
74) Fluoranthene	19.23	202	154982	24.60 ng/ul	99
77) Pyrene	19.59	202	166703	17.89 ng/ul	99
78) Butylbenzylphthalate	20.49	149	64930	18.12 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	63403	21.98 ng/ul	98
80) Benzo(a)anthracene	21.34	228	186476	20.20 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	100811	20.03 ng/ul	99
82) Chrysene	21.40	228	179117	20.28 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	194053	17.30 ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	207858	19.12 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	197592	18.69 ng/ul	99
88) Benzo(a)pyrene	23.54	252	204851	20.18 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	256003	26.43 ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	217359	26.86 ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	218326	27.56 ng/ul	99

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

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