Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090616\
Data File : BM007418.D
Acq On : 06 Sep 2016 17:41
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Sep 06 18:17:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	227360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1113790	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	773329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2012557	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2502843	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2302158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	36681	8.25	ng/uL	0.00
5) Phenol-d5	6.96	99	418250	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	228056	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	317466	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	363969	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	168296	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	199769	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	385911	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	504302	21.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1318901	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1587318	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	239003	18.98	ng/ul	0.00
57) Fluorene-d10	15.42	176	1161673	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	252086	19.92	ng/ul	0.00
70) Anthracene-d10	17.27	188	1917623	20.40	ng/ul	0.00
76) Pyrene-d10	19.56	212	2289856	21.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2166752	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	38556	7.77	ng/uL	97
4) Benzaldehyde	6.94	77	256979	21.00	ng/ul	99
6) Phenol	6.99	94	434382	19.50	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	311370	20.07	ng/ul	98
10) 2-Chlorophenol	7.36	128	326132	20.06	ng/ul	98
11) 2-Methylphenol	8.23	108	345213	19.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	351179	20.11	ng/ul	98
14) Acetophenone	8.61	105	567547	19.76	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	300970	19.71	ng/ul	96
16) 4-Methylphenol	8.56	108	386180	19.77	ng/ul	98
17) Hexachloroethane	8.86	117	128932	20.39	ng/ul	96
20) Nitrobenzene	8.99	77	432889	20.61	ng/ul	99
21) Isophorone	9.51	82	844771	19.74	ng/ul	100
23) 2-Nitrophenol	9.70	139	213089	20.53	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	468540	20.46	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	477443	19.80	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	382006	20.23	ng/ul	97
28) Naphthalene	10.63	128	1127450	20.35	ng/ul	100
30) 4-Chloroaniline	10.74	127	514281	21.07	ng/ul	97
31) Hexachlorobutadiene	10.91	225	257682	20.20	ng/ul	100
32) Caprolactam	11.50	113	103706	13.63	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	470367	20.13	ng/ul	96
34) 2-Methylnaphthalene	12.24	142	914104	20.16	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	542307	21.06	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	254763	16.40	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	370120	20.32	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	389918	20.54	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	1230809	20.52	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	965490	20.53	ng/ul	99
42) 2-Nitroaniline	13.51	65	317198	20.65	ng/ul	99
44) Dimethylphthalate	13.88	163	1301177	19.58	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	285844	21.04	ng/ul	97
47) Acenaphthylene	14.14	152	1631774	20.51	ng/ul	99
48) 3-Nitroaniline	14.34	138	287077	20.71	ng/ul	98
49) Acenaphthene	14.49	153	1046573	20.21	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	165948	18.02	ng/ul#	85
52) 4-Nitrophenol	14.65	109	256130	19.12	ng/ul	85
53) Dibenzofuran	14.83	168	1562921	20.17	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	426278	20.47	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.05	232	393594	20.21	ng/ul#	95
56) Diethylphthalate	15.25	149	1346729	19.43	ng/ul	99
58) Fluorene	15.47	166	1287166	20.17	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	664603	19.92	ng/ul	95
60) 4-Nitroaniline	15.50	138	307315	19.53	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	273804	20.27	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	1153316	20.53	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	472640	20.80	ng/ul	98
66) Hexachlorobenzene	16.48	284	516642	20.30	ng/ul	97
67) Atrazine	16.63	200	479177	20.20	ng/ul	98
68) Pentachlorophenol	16.82	266	315891	19.24	ng/ul	100
69) Phenanthrene	17.21	178	2198465	20.35	ng/ul	100
71) Anthracene	17.30	178	2270953	20.36	ng/ul	99
72) Carbazole	17.57	167	1996898	20.60	ng/ul	100
73) Di-n-butylphthalate	18.13	149	2413723	19.79	ng/ul	98
74) Fluoranthene	19.23	202	2842062	20.96	ng/ul	99
77) Pyrene	19.59	202	2932678	21.84	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1225595	21.94	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	979107	19.71	ng/ul	99
80) Benzo(a)anthracene	21.33	228	3005129	20.37	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1730551	21.36	ng/ul	99
82) Chrysene	21.39	228	2708743	20.27	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3122250	27.23	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	2860496	21.01	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	2830907	22.50	ng/ul	100
88) Benzo(a)pyrene	23.52	252	2664670	20.46	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	2735610	17.11	ng/ul	100
90) Dibenzo(a,h)anthracene	25.92	278	2298810	17.29	ng/ul	100
91) Benzo(g,h,i)perylene	26.61	276	2238907	16.50	ng/ul	97

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

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