Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081716\
Data File : BM007174.D
Acq On : 17 Aug 2016 11:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Quant Time: Aug 17 14:00:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 04:01:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	262505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1043076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	589266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1378942	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1732644	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1816679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	49015	8.16	ng/uL	0.00
5) Phenol-d5	6.97	99	424970	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	243216	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	344232	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	337534	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	161716	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	175130	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	345031	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	413408	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	973092	19.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1209494	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	163390	18.72	ng/ul	0.00
57) Fluorene-d10	15.43	176	835454	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	135910	17.84	ng/ul	0.00
70) Anthracene-d10	17.27	188	1289727	20.19	ng/ul	0.00
76) Pyrene-d10	19.57	212	1543981	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1707715	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	50703	8.11	ng/uL	96
4) Benzaldehyde	6.95	77	285852	22.36	ng/ul	99
6) Phenol	7.00	94	441796	19.72	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	334621	20.24	ng/ul	98
10) 2-Chlorophenol	7.37	128	353238	20.39	ng/ul	98
11) 2-Methylphenol	8.24	108	331919	19.70	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	370122	19.54	ng/ul	99
14) Acetophenone	8.62	105	531990	19.74	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	268079	19.12	ng/ul	96
16) 4-Methylphenol	8.57	108	356345	19.39	ng/ul	97
17) Hexachloroethane	8.88	117	144737	20.01	ng/ul	97
20) Nitrobenzene	9.00	77	404174	20.73	ng/ul	99
21) Isophorone	9.52	82	714021	19.55	ng/ul	99
23) 2-Nitrophenol	9.71	139	192136	21.70	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	416675	20.54	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	438801	20.01	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	347116	20.55	ng/ul	97
28) Naphthalene	10.64	128	1038593	20.10	ng/ul	99
30) 4-Chloroaniline	10.75	127	426303	20.61	ng/ul	97
31) Hexachlorobutadiene	10.92	225	257896	20.65	ng/ul	98
32) Caprolactam	11.50	113	77491	13.54	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	362330	19.64	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	789152	19.81	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	458468	22.00	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	221220	16.67	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	286826	21.46	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	300736	21.49	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	999949	21.15	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	782341	21.09	ng/ul	98
42) 2-Nitroaniline	13.52	65	226293	21.25	ng/ul	100
44) Dimethylphthalate	13.89	163	967120	19.87	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	199168	21.06	ng/ul	94
47) Acenaphthylene	14.16	152	1234351	20.50	ng/ul	99
48) 3-Nitroaniline	14.34	138	196300	20.98	ng/ul	97
49) Acenaphthene	14.50	153	791738	20.26	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	86194	15.37	ng/ul	88
52) 4-Nitrophenol	14.65	109	166712	18.80	ng/ul	89
53) Dibenzofuran	14.83	168	1165556	20.09	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	284459	20.38	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	273511	20.22	ng/ul#	99
56) Diethylphthalate	15.26	149	959823	18.70	ng/ul	99
58) Fluorene	15.49	166	928392	19.84	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	483618	19.58	ng/ul	97
60) 4-Nitroaniline	15.50	138	202153	18.43	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	145929	17.60	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	815233	20.89	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	329271	21.08	ng/ul	98
66) Hexachlorobenzene	16.49	284	366087	20.72	ng/ul	98
67) Atrazine	16.64	200	320992	20.41	ng/ul	98
68) Pentachlorophenol	16.83	266	211595	19.47	ng/ul	99
69) Phenanthrene	17.22	178	1497755	20.20	ng/ul	100
71) Anthracene	17.31	178	1534043	20.15	ng/ul	99
72) Carbazole	17.58	167	1352368	20.62	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1614011	20.13	ng/ul	100
74) Fluoranthene	19.23	202	1911134	21.25	ng/ul	100
77) Pyrene	19.60	202	1978191	20.65	ng/ul	99
78) Butylbenzylphthalate	20.50	149	779060	20.92	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.28	252	674918	20.17	ng/ul	98
80) Benzo(a)anthracene	21.34	228	2102643	20.54	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	1091945	19.81	ng/ul	99
82) Chrysene	21.40	228	1847341	19.75	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1968479	21.01	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	2271658	20.76	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	2086059	20.30	ng/ul	99
88) Benzo(a)pyrene	23.54	252	2131572	20.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2557982	20.12	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	2158625	20.23	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	2109858	19.63	ng/ul	99

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

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