Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008438.D
Acq On : 18 Dec 2016 15:11
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Dec 19 01:25:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	138747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	542842	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	350303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	701532	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	919933	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	935220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	25548	8.66	ng/uL	0.00
5) Phenol-d5	6.85	99	222892	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	129234	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	178656	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	171055	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	83051	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	96230	22.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	177060	22.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	200256	21.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	499013	21.43	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	602783	21.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	54312	15.83	ng/ul	0.00
57) Fluorene-d10	15.30	176	427925	21.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	77655	18.60	ng/ul	0.00
70) Anthracene-d10	17.15	188	673807	22.05	ng/ul	0.00
76) Pyrene-d10	19.46	212	781104	21.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	864823	22.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	27394	7.95	ng/uL	95
4) Benzaldehyde	6.82	77	164101	23.04	ng/ul	92
6) Phenol	6.87	94	233165	20.86	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	176266	21.13	ng/ul	99
10) 2-Chlorophenol	7.23	128	182225	22.28	ng/ul	99
11) 2-Methylphenol	8.11	108	171653	20.98	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.19	45	201944	21.29	ng/ul	99
14) Acetophenone	8.49	105	278723	20.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	145747	20.81	ng/ul	98
16) 4-Methylphenol	8.44	108	182012	20.52	ng/ul	97
17) Hexachloroethane	8.71	117	78585	21.07	ng/ul	92
20) Nitrobenzene	8.86	77	219136	21.67	ng/ul	99
21) Isophorone	9.37	82	387731	21.32	ng/ul	99
23) 2-Nitrophenol	9.57	139	98903	22.25	ng/ul	91
24) 2,4-Dimethylphenol	9.63	107	214731	21.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	221988	21.50	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	174103	21.69	ng/ul	97
28) Naphthalene	10.48	128	551258	21.45	ng/ul	100
30) 4-Chloroaniline	10.62	127	205793	22.36	ng/ul	98
31) Hexachlorobutadiene	10.75	225	143340	21.97	ng/ul	97
32) Caprolactam	11.41	113	49700	19.73	ng/ul	88
33) 4-Chloro-3-methylphenol	11.75	107	184340	21.22	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	394281	21.23	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	238611	21.76	ng/ul	98
37) Hexachlorocyclopentadiene	12.44	237	112316	25.35	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	137518	22.09	ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	149466	22.01	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	511792	21.90	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	395122	22.05	ng/ul	98
42) 2-Nitroaniline	13.40	65	118715	22.40	ng/ul	96
44) Dimethylphthalate	13.76	163	488414	21.40	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	102113	22.97	ng/ul	96
47) Acenaphthylene	14.02	152	613682	21.91	ng/ul	99
48) 3-Nitroaniline	14.24	138	97184	21.94	ng/ul	99
49) Acenaphthene	14.36	153	415141	21.57	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	53979	20.93	ng/ul	94
52) 4-Nitrophenol	14.57	109	50278	15.28	ng/ul	98
53) Dibenzofuran	14.70	168	601675	21.45	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	143506	21.55	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	133929	21.35	ng/ul	95
56) Diethylphthalate	15.13	149	478458	21.07	ng/ul	99
58) Fluorene	15.35	166	489863	21.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	261179	21.32	ng/ul	99
60) 4-Nitroaniline	15.42	138	88790	20.83	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.47	198	80254	18.75	ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	419036	21.95	ng/ul	97
65) 4-Bromophenyl-phenylether	16.24	248	168982	21.94	ng/ul	97
66) Hexachlorobenzene	16.36	284	188399	21.59	ng/ul	98
67) Atrazine	16.53	200	160015	20.45	ng/ul	98
68) Pentachlorophenol	16.72	266	86526	18.33	ng/ul	92
69) Phenanthrene	17.09	178	767142	21.34	ng/ul	98
71) Anthracene	17.19	178	799425	21.91	ng/ul	100
72) Carbazole	17.47	167	685937	21.35	ng/ul	100
73) Di-n-butylphthalate	18.02	149	794461	22.11	ng/ul	99
74) Fluoranthene	19.12	202	935735	21.19	ng/ul	99
77) Pyrene	19.49	202	982510	21.75	ng/ul	98
78) Butylbenzylphthalate	20.39	149	367701	22.70	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.18	252	359310	22.29	ng/ul	100
80) Benzo(a)anthracene	21.24	228	1032504	21.71	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	539796	22.75	ng/ul	100
82) Chrysene	21.29	228	994024	21.74	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	966962	21.55	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	1085000	21.49	ng/ul	100
86) Benzo(k)fluoranthene	22.86	252	1063364	22.01	ng/ul	99
88) Benzo(a)pyrene	23.39	252	1061414	21.82	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	1292771	21.89	ng/ul	99
90) Dibenzo(a,h)anthracene	25.71	278	1083206	21.84	ng/ul	100
91) Benzo(g,h,i)perylene	26.40	276	1067970	21.62	ng/ul	99

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

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