Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012516\
Data File : BM004125.D
Acq On : 25 Jan 2016 11:58
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Jan 25 15:54:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 15:41:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	128176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	82248	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	203635	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	266393	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	290293	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	3744	7.81	ng/uL	0.00
5) Phenol-d5	6.83	99	46965	18.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	25584	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	37845	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	40510	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	19178	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	20645	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	39695	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	52652	21.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	140822	19.90	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	168263	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	24703	17.44	ng/ul	0.00
58) Fluorene-d10	15.32	176	122128	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	21914	17.46	ng/ul	0.00
71) Anthracene-d10	17.17	188	202447	20.44	ng/ul	0.00
79) Pyrene-d10	19.47	212	241736	20.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	304181	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	4817	8.13	ng/uL	95
4) Benzaldehyde	6.80	77	29864	20.81	ng/ul	98
6) Phenol	6.86	94	51144	19.02	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	37132	19.50	ng/ul	99
10) 2-Chlorophenol	7.22	128	40228	19.86	ng/ul	98
11) 2-Methylphenol	8.11	108	39570	19.11	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	40100	19.31	ng/ul	97
14) Acetophenone	8.48	105	66537	19.67	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	32293	19.42	ng/ul	98
16) 4-Methylphenol	8.43	108	45415	19.37	ng/ul	100
17) Hexachloroethane	8.73	117	14442	19.59	ng/ul	99
20) Nitrobenzene	8.86	77	47345	20.16	ng/ul	97
21) Isophorone	9.37	82	92126	19.41	ng/ul	99
23) 2-Nitrophenol	9.57	139	24177	19.92	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	51736	20.08	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.86	93	54945	19.72	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	42203	20.22	ng/ul	98
28) Naphthalene	10.50	128	142894	19.80	ng/ul	99
30) 4-Chloroaniline	10.61	127	57440	21.44	ng/ul	100
31) Hexachlorobutadiene	10.78	225	24692	20.36	ng/ul	99
32) Caprolactam	11.36	113	15308	18.70	ng/ul	98
33) 4-Chloro-3-methylphenol	11.75	107	50907	19.66	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	108106	19.87	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	102693	19.77	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	52243	20.64	ng/ul	100
38) Hexachlorocyclopentadiene	12.47	237	17386	16.86	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	34231	20.22	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	38459	20.43	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	142583	20.27	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	109115	20.53	ng/ul	97
43) 2-Nitroaniline	13.40	65	31010	20.26	ng/ul	96
45) Dimethylphthalate	13.77	163	148714	19.95	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	29341	20.43	ng/ul	98
48) Acenaphthylene	14.03	152	186518	20.54	ng/ul	100
49) 3-Nitroaniline	14.23	138	32251	20.62	ng/ul	99
50) Acenaphthene	14.38	153	124313	20.16	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	10992	13.62	ng/ul	96
53) 4-Nitrophenol	14.55	109	20464	17.92	ng/ul	95
54) Dibenzofuran	14.72	168	179522	20.49	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	46971	20.70	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.95	232	33161	19.88	ng/ul	98
57) Diethylphthalate	15.14	149	156411	20.17	ng/ul	99
59) Fluorene	15.37	166	148269	20.35	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	69774	20.30	ng/ul	98
61) 4-Nitroaniline	15.40	138	37966	19.92	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	24308	17.67	ng/ul	99
65) N-Nitrosodiphenylamine	15.58	169	128857	20.31	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	42216	20.41	ng/ul	100
67) Hexachlorobenzene	16.38	284	48557	20.17	ng/ul	97
68) Atrazine	16.53	200	47167	19.99	ng/ul	99
69) Pentachlorophenol	16.73	266	21846	17.44	ng/ul	98
70) Phenanthrene	17.11	178	251674	20.25	ng/ul	99
72) Anthracene	17.20	178	256834	20.38	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	50192	20.54	ng/uL	100
74) Pentachlorobenzene	14.64	250	52664	20.44	ng/uL	98
75) Carbazole	17.47	167	240273	20.95	ng/ul	100
76) Di-n-butylphthalate	18.04	149	278430	20.28	ng/ul	99
77) Fluoranthene	19.14	202	308725	21.34	ng/ul	99
80) Pyrene	19.50	202	329206	20.10	ng/ul	99
81) Butylbenzylphthalate	20.41	149	139722	20.08	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	106350	19.42	ng/ul	99
83) Benzo(a)anthracene	21.26	228	347683	20.50	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	212703	20.26	ng/ul	99
85) Chrysene	21.32	228	332207	20.60	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	398789	20.44	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	369461	19.94	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	359141	20.80	ng/ul	99
91) Benzo(a)pyrene	23.41	252	363818	20.32	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	409084	19.15	ng/ul	100
93) Dibenzo(a,h)anthracene	25.77	278	338533	19.00	ng/ul	99
94) Benzo(g,h,i)perylene	26.45	276	348658	19.14	ng/ul	99

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

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