Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004257.D
Acq On : 15 Feb 2016 09:33
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02034

Quant Time: Feb 16 00:57:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 13 05:01:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	30182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	139128	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	84239	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	191254	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	174673	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	141725	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	4613	7.70	ng/uL	0.00
5) Phenol-d5	6.83	99	47340	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	25054	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	41992	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41686	20.19	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	20796	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	22957	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	42301	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	56708	22.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	137948	19.68	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	168204	19.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	21823	19.24	ng/ul	0.00
58) Fluorene-d10	15.30	176	119519	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	21275	18.27	ng/ul	0.00
71) Anthracene-d10	17.16	188	183150	19.59	ng/ul	0.00
79) Pyrene-d10	19.46	212	191860	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	146981	19.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	5210	7.43	ng/uL#	93
4) Benzaldehyde	6.79	77	30714	21.98	ng/ul	97
6) Phenol	6.85	94	50388	19.52	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	38456	19.52	ng/ul	97
10) 2-Chlorophenol	7.21	128	43816	19.61	ng/ul	97
11) 2-Methylphenol	8.10	108	40997	20.15	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	36516	19.00	ng/ul	96
14) Acetophenone	8.46	105	67671	20.56	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	31756	20.01	ng/ul	97
16) 4-Methylphenol	8.42	108	45242	20.34	ng/ul	98
17) Hexachloroethane	8.71	117	16989	19.08	ng/ul	92
20) Nitrobenzene	8.85	77	45602	18.73	ng/ul	97
21) Isophorone	9.36	82	89978	19.30	ng/ul	99
23) 2-Nitrophenol	9.55	139	26251	19.53	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	52205	19.36	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	55117	19.17	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	44442	19.81	ng/ul	99
28) Naphthalene	10.48	128	149564	19.33	ng/ul	99
30) 4-Chloroaniline	10.60	127	59426	21.82	ng/ul	100
31) Hexachlorobutadiene	10.76	225	28913	19.14	ng/ul	99
32) Caprolactam	11.36	113	13874	21.41	ng/ul	90
33) 4-Chloro-3-methylphenol	11.74	107	50308	20.22	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	111255	19.93	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	104894	19.88	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	56486	19.15	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	20058	14.39	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	36026	19.32	ng/ul	97
40) 2,4,5-Trichlorophenol	12.80	196	39254	19.55	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	144580	19.20	ng/ul	100
42) 2-Chloronaphthalene	13.17	162	110576	19.31	ng/ul	99
43) 2-Nitroaniline	13.39	65	27797	19.91	ng/ul	99
45) Dimethylphthalate	13.76	163	144887	19.79	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	29859	20.67	ng/ul	99
48) Acenaphthylene	14.02	152	181889	19.56	ng/ul	100
49) 3-Nitroaniline	14.22	138	30204	22.05	ng/ul	97
50) Acenaphthene	14.37	153	123991	19.67	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	12691	18.19	ng/ul	90
53) 4-Nitrophenol	14.55	109	17216	18.98	ng/ul	96
54) Dibenzofuran	14.70	168	172292	19.78	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	44028	21.20	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.94	232	33308	20.50	ng/ul	99
57) Diethylphthalate	15.13	149	150805	20.50	ng/ul	99
59) Fluorene	15.36	166	141347	20.14	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	69849	20.06	ng/ul	97
61) 4-Nitroaniline	15.39	138	32678	21.40	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	23109	18.22	ng/ul	99
65) N-Nitrosodiphenylamine	15.57	169	121212	18.78	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	42281	19.09	ng/ul	97
67) Hexachlorobenzene	16.37	284	48322	19.41	ng/ul	95
68) Atrazine	16.53	200	44352	19.92	ng/ul	98
69) Pentachlorophenol	16.72	266	21889	18.98	ng/ul	99
70) Phenanthrene	17.10	178	224381	19.40	ng/ul	99
72) Anthracene	17.19	178	228602	19.47	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	52909	17.79	ng/uL	100
74) Pentachlorobenzene	14.63	250	54307	18.59	ng/uL	99
75) Carbazole	17.47	167	201830	20.44	ng/ul	100
76) Di-n-butylphthalate	18.03	149	257762	20.16	ng/ul	99
77) Fluoranthene	19.13	202	250531	20.68	ng/ul	99
80) Pyrene	19.49	202	256497	20.31	ng/ul	100
81) Butylbenzylphthalate	20.40	149	110722	21.90	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	70917	20.12	ng/ul	99
83) Benzo(a)anthracene	21.26	228	218622	19.44	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	157300	21.26	ng/ul	99
85) Chrysene	21.30	228	204663	19.28	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	248958	23.03	ng/ul	97
88) Benzo(b)fluoranthene	22.83	252	182112	19.42	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	178728	19.96	ng/ul	100
91) Benzo(a)pyrene	23.40	252	172163	19.31	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	194044	19.21	ng/ul	98
93) Dibenzo(a,h)anthracene	25.75	278	161295	19.02	ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	162986	19.11	ng/ul	98

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

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