Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004255.D
Acq On : 13 Feb 2016 08:03
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
umangi
2/15/2016 12:18:00 PM

Quant Time: Feb 15 07:58:35 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	32944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	146117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	81467	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	162181	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	144401	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	142721	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	5528	8.45	ng/uL	0.00
5) Phenol-d5	6.83	99	53819	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	28492	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	48453	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	46409	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	23527	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	26823	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	47320	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	61306	22.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	135746	20.02	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	171750	20.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	20903	19.06	ng/ul	0.00
58) Fluorene-d10	15.30	176	115513	20.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	19759	20.01	ng/ul	0.00
71) Anthracene-d10	17.16	188	162616	20.51	ng/ul	0.00
79) Pyrene-d10	19.47	212	156593	20.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	154705	20.31	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	6124	8.00	ng/uL#	92
4) Benzaldehyde	6.79	77	35037	22.97	ng/ul	94
6) Phenol	6.86	94	57580	20.43	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	43366	20.16	ng/ul	98
10) 2-Chlorophenol	7.21	128	50071	20.53	ng/ul	99
11) 2-Methylphenol	8.10	108	45933	20.68	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	41006	19.55	ng/ul	96
14) Acetophenone	8.47	105	74654	20.78	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	34860	20.12	ng/ul	98
16) 4-Methylphenol	8.43	108	50332	20.73	ng/ul	98
17) Hexachloroethane	8.71	117	19823	20.40	ng/ul	96
20) Nitrobenzene	8.85	77	52043	20.35	ng/ul	98
21) Isophorone	9.37	82	97306	19.87	ng/ul	98
23) 2-Nitrophenol	9.56	139	30078	21.31	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	57737	20.38	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	60040	19.88	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	49957	21.21	ng/ul	99
28) Naphthalene	10.48	128	166693	20.51	ng/ul	100
30) 4-Chloroaniline	10.60	127	65109	22.76	ng/ul	100
31) Hexachlorobutadiene	10.76	225	32805	20.68	ng/ul	98
32) Caprolactam	11.36	113	13142	19.31	ng/ul	86
33) 4-Chloro-3-methylphenol	11.75	107	53173	20.35	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	119346	20.35	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	113351	20.45	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	60629	21.26	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	22414	16.63	ng/ul	98
39) 2,4,6-Trichlorophenol	12.73	196	38109	21.13	ng/ul	98
40) 2,4,5-Trichlorophenol	12.81	196	40956	21.09	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	151409	20.79	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	116381	21.02	ng/ul	98
43) 2-Nitroaniline	13.39	65	27767	20.56	ng/ul	93
45) Dimethylphthalate	13.77	163	141681	20.01	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	29016	20.77	ng/ul	100
48) Acenaphthylene	14.03	152	184570	20.52	ng/ul	100
49) 3-Nitroaniline	14.23	138	28936	21.84	ng/ul	96
50) Acenaphthene	14.37	153	124693	20.46	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	12592	18.66	ng/ul	94
53) 4-Nitrophenol	14.55	109	16728	19.07	ng/ul	96
54) Dibenzofuran	14.71	168	171967	20.42	ng/ul	97
55) 2,4-Dinitrotoluene	14.69	165	40883	20.36	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.94	232	32472	20.67	ng/ul	98
57) Diethylphthalate	15.13	149	141866	19.94	ng/ul	99
59) Fluorene	15.36	166	137022	20.19	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	68161	20.24	ng/ul	95
61) 4-Nitroaniline	15.39	138	30563m	20.69	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.46	198	21003	19.52	ng/ul	93
65) N-Nitrosodiphenylamine	15.57	169	114988	21.01	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	39907	21.24	ng/ul	95
67) Hexachlorobenzene	16.37	284	44130	20.90	ng/ul	92
68) Atrazine	16.53	200	39260	20.79	ng/ul	98
69) Pentachlorophenol	16.72	266	20082	20.54	ng/ul	99
70) Phenanthrene	17.10	178	200818	20.47	ng/ul	99
72) Anthracene	17.19	178	204246	20.51	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	56280	22.32	ng/uL	100
74) Pentachlorobenzene	14.63	250	53853	21.73	ng/uL	99
75) Carbazole	17.47	167	172481	20.60	ng/ul	100
76) Di-n-butylphthalate	18.03	149	222541	20.53	ng/ul	100
77) Fluoranthene	19.13	202	206143	20.07	ng/ul	99
80) Pyrene	19.50	202	210983	20.20	ng/ul	98
81) Butylbenzylphthalate	20.40	149	90847	21.73	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.19	252	66138	22.70	ng/ul	99
83) Benzo(a)anthracene	21.26	228	190182	20.46	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	132974	21.74	ng/ul	99
85) Chrysene	21.31	228	180052	20.52	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	226148	20.77	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	194258	20.57	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	174952	19.40	ng/ul	100
91) Benzo(a)pyrene	23.40	252	182918	20.38	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.75	276	210306	20.68	ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	175720	20.58	ng/ul	99
94) Benzo(g,h,i)perylene	26.44	276	176586	20.56	ng/ul	98

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

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