Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004272.D
Acq On : 15 Feb 2016 22:53
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
UMANGI
2/16/2016 4:17:41 PM

Quant Time: Feb 16 08:37:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 01:21:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	26618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	117645	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	67049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	138925	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	138628	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	138069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	4164	7.88	ng/uL	0.00
5) Phenol-d5	6.83	99	41049	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	21724	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	36936	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	35485	19.48	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	17602	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	19857	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	35812	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	46288	21.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	106501	19.09	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	133192	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	15208	16.85	ng/ul	0.00
58) Fluorene-d10	15.30	176	90971	19.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	15082	17.83	ng/ul	0.00
71) Anthracene-d10	17.16	188	132012	19.44	ng/ul	0.00
79) Pyrene-d10	19.46	212	135369	18.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	141754	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	4691	7.59	ng/uL#	92
4) Benzaldehyde	6.79	77	26627	21.61	ng/ul	99
6) Phenol	6.86	94	44023	19.33	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.08	93	33549	19.31	ng/ul	97
10) 2-Chlorophenol	7.21	128	38343	19.45	ng/ul	98
11) 2-Methylphenol	8.10	108	34959	19.48	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	31859	18.80	ng/ul	98
14) Acetophenone	8.47	105	57698	19.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	27308	19.51	ng/ul	97
16) 4-Methylphenol	8.43	108	38956	19.86	ng/ul	100
17) Hexachloroethane	8.71	117	15021	19.13	ng/ul	94
20) Nitrobenzene	8.85	77	39442	19.16	ng/ul	99
21) Isophorone	9.36	82	74843	18.98	ng/ul	99
23) 2-Nitrophenol	9.56	139	22954	20.20	ng/ul	93
24) 2,4-Dimethylphenol	9.62	107	44812	19.65	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	46545	19.15	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	37731	19.89	ng/ul	99
28) Naphthalene	10.48	128	128033	19.57	ng/ul	99
30) 4-Chloroaniline	10.60	127	49400	21.45	ng/ul	99
31) Hexachlorobutadiene	10.76	225	25119	19.67	ng/ul	99
32) Caprolactam	11.36	113	9959	18.17	ng/ul	93
33) 4-Chloro-3-methylphenol	11.74	107	40274	19.15	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	91908	19.47	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	86960	19.49	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	46446	19.79	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	16529	14.90	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	29054	19.58	ng/ul	99
40) 2,4,5-Trichlorophenol	12.81	196	31463	19.68	ng/ul	100
41) 1,1'-Biphenyl	13.13	154	118296	19.74	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	90543	19.87	ng/ul	98
43) 2-Nitroaniline	13.39	65	21139	19.02	ng/ul	98
45) Dimethylphthalate	13.76	163	111273	19.09	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	22385	19.47	ng/ul	97
48) Acenaphthylene	14.02	152	144321	19.50	ng/ul	99
49) 3-Nitroaniline	14.22	138	22151	20.32	ng/ul	99
50) Acenaphthene	14.37	153	96549	19.25	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	8499	15.31	ng/ul	94
53) 4-Nitrophenol	14.55	109	11911	16.50	ng/ul	97
54) Dibenzofuran	14.70	168	134974	19.47	ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	31936	19.32	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.95	232	24079	18.62	ng/ul	95
57) Diethylphthalate	15.13	149	111299	19.01	ng/ul	99
59) Fluorene	15.36	166	108248	19.38	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	53410	19.27	ng/ul	96
61) 4-Nitroaniline	15.39	138	23725m	19.52	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.46	198	16220	17.60	ng/ul	97
65) N-Nitrosodiphenylamine	15.57	169	91644	19.55	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	31552	19.61	ng/ul	95
67) Hexachlorobenzene	16.37	284	35217	19.47	ng/ul	94
68) Atrazine	16.53	200	30972	19.15	ng/ul	97
69) Pentachlorophenol	16.72	266	12621	15.07	ng/ul	99
70) Phenanthrene	17.10	178	163611	19.47	ng/ul	99
72) Anthracene	17.19	178	165127	19.36	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	43430	20.10	ng/uL	99
74) Pentachlorobenzene	14.63	250	42203	19.88	ng/uL	99
75) Carbazole	17.47	167	142131	19.82	ng/ul	99
76) Di-n-butylphthalate	18.03	149	179986	19.38	ng/ul	99
77) Fluoranthene	19.13	202	176170	20.02	ng/ul	99
80) Pyrene	19.49	202	184942	18.45	ng/ul	99
81) Butylbenzylphthalate	20.40	149	79142	19.72	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.19	252	57071	20.41	ng/ul	99
83) Benzo(a)anthracene	21.25	228	175224	19.63	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	115885	19.74	ng/ul	98
85) Chrysene	21.30	228	164644	19.54	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	201112	19.10	ng/ul	97
88) Benzo(b)fluoranthene	22.83	252	170667	18.68	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	164478	18.86	ng/ul	98
91) Benzo(a)pyrene	23.40	252	167192	19.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	189175	19.23	ng/ul	98
93) Dibenzo(a,h)anthracene	25.74	278	158712	19.21	ng/ul	98
94) Benzo(g,h,i)perylene	26.43	276	159911	19.25	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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