Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051216\
Data File : BM005425.D
Acq On : 12 May 2016 18:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
sohil
5/13/2016 8:02:55 PM

Quant Time: May 13 04:08:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 03:22:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	52731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	254300	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	168320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	401493	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	377372	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	281568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	8985	8.01	ng/uL	0.00
5) Phenol-d5	6.93	99	97373	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	55732	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	74617	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	81515	20.62	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	38018	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	43170	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	84152	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	107915	23.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	278046	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	328342	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	39939	16.22	ng/ul	0.00
57) Fluorene-d10	15.40	176	242535	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	37336	16.53	ng/ul	0.00
70) Anthracene-d10	17.25	188	375552	21.16	ng/ul	0.00
76) Pyrene-d10	19.54	212	420517	24.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	265214	21.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	16145	7.90	ng/uL	95
4) Benzaldehyde	6.90	77	58471	25.23	ng/ul	99
6) Phenol	6.96	94	102075	20.65	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	75454	20.28	ng/ul	98
10) 2-Chlorophenol	7.33	128	75655	20.48	ng/ul	98
11) 2-Methylphenol	8.20	108	78056	20.43	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	106352	21.07	ng/ul	99
14) Acetophenone	8.57	105	127701	21.80	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	65725	21.48	ng/ul	99
16) 4-Methylphenol	8.53	108	88131	20.79	ng/ul	98
17) Hexachloroethane	8.83	117	29207	21.01	ng/ul	92
20) Nitrobenzene	8.96	77	93295	20.52	ng/ul	98
21) Isophorone	9.47	82	183802	20.82	ng/ul#	98
23) 2-Nitrophenol	9.66	139	46688	21.08	ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	100752	21.44	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.96	93	110722	20.14	ng/ul	100
27) 2,4-Dichlorophenol	10.20	162	85249	21.79	ng/ul	99
28) Naphthalene	10.59	128	265032	20.71	ng/ul	98
30) 4-Chloroaniline	10.71	127	109833	23.42	ng/ul	96
31) Hexachlorobutadiene	10.87	225	51043	21.95	ng/ul	98
32) Caprolactam	11.47	113	28807m	19.76	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	104365	22.25	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	203612	21.28	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	106261	20.75	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	35839	13.70	ng/ul	95
38) 2,4,6-Trichlorophenol	12.83	196	71793	21.05	ng/ul	96
39) 2,4,5-Trichlorophenol	12.90	196	78444	20.73	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	269375	20.20	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	206691	20.50	ng/ul	99
42) 2-Nitroaniline	13.49	65	66542	21.44	ng/ul	96
44) Dimethylphthalate	13.86	163	276571	20.52	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	56562	21.28	ng/ul	94
47) Acenaphthylene	14.12	152	348111	20.79	ng/ul	100
48) 3-Nitroaniline	14.32	138	60311	21.28	ng/ul	97
49) Acenaphthene	14.46	153	226509	20.53	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	16763	10.96	ng/ul	94
52) 4-Nitrophenol	14.63	109	35299	17.24	ng/ul	98
53) Dibenzofuran	14.80	168	331872	20.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	84318	21.27	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	66583	20.70	ng/ul#	97
56) Diethylphthalate	15.22	149	282961	20.78	ng/ul	99
58) Fluorene	15.45	166	266991	21.33	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	134034	21.61	ng/ul	99
60) 4-Nitroaniline	15.48	138	60552m	20.16	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.54	198	39838	16.79	ng/ul#	95
64) N-Nitrosodiphenylamine	15.66	169	238296	21.67	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	84907	22.06	ng/ul	97
66) Hexachlorobenzene	16.46	284	95410	22.10	ng/ul	97
67) Atrazine	16.62	200	92104	22.96	ng/ul	99
68) Pentachlorophenol	16.81	266	40241	16.77	ng/ul	94
69) Phenanthrene	17.19	178	444548	21.06	ng/ul	100
71) Anthracene	17.28	178	449957	21.38	ng/ul	99
72) Carbazole	17.56	167	402052	21.71	ng/ul	99
73) Di-n-butylphthalate	18.11	149	491264	21.75	ng/ul	100
74) Fluoranthene	19.21	202	525815	22.48	ng/ul	99
77) Pyrene	19.57	202	526647	24.06	ng/ul	99
78) Butylbenzylphthalate	20.47	149	222745	24.51	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	128137	18.89	ng/ul	97
80) Benzo(a)anthracene	21.33	228	448664	20.67	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	312934	24.79	ng/ul#	97
82) Chrysene	21.38	228	426318	20.70	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	483526	29.40	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	366664	22.28	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	344652	22.24	ng/ul	99
88) Benzo(a)pyrene	23.51	252	333087	21.40	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	349332	20.57	ng/ul	97
90) Dibenzo(a,h)anthracene	25.90	278	294678	20.73	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	294178	20.45	ng/ul	98

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

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