Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089330.D
Acq On : 27 Jul 2016 15:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/28/2016 4:56:05 PM

Quant Time: Jul 27 18:42:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43504	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	185608	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	89769	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	165473	20.00	ng		0.00
75) Chrysene-d12	13.67	240	123991	20.00	ng		0.00
86) Perylene-d12	15.01	264	94093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	227495	83.50	ng		0.00
7) Phenol-d6	6.20	99	301105	83.63	ng		0.00
23) Nitrobenzene-d5	7.12	82	260121	82.72	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	64317	86.51	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	517544	84.61	ng		0.00
78) Terphenyl-d14	12.63	244	410347	77.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	49790	40.37	ng		97
3) Pyridine	2.56	79	112438	42.18	ng		98
4) n-Nitrosodimethylamine	2.54	42	41594	39.53	ng		92
6) Aniline	6.20	93	166611	42.85	ng		99
8) 2-Chlorophenol	6.33	128	131746	42.75	ng		99
9) Benzaldehyde	6.09	77	69973	39.80	ng		99
10) Phenol	6.22	94	172466	43.41	ng		98
11) bis(2-Chloroethyl)ether	6.30	93	134935	39.97	ng		99
12) 1,3-Dichlorobenzene	6.48	146	132444	41.08	ng		99
13) 1,4-Dichlorobenzene	6.56	146	144343	40.57	ng		99
14) 1,2-Dichlorobenzene	6.72	146	133588	40.08	ng		97
15) Benzyl Alcohol	6.71	79	92658	41.47	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	152396	41.39	ng		95
17) 2-Methylphenol	6.83	107	93246	39.15	ng	#	91
18) Hexachloroethane	7.05	117	55099	40.40	ng		100
19) n-Nitroso-di-n-propylamine	6.98	70	91815	42.29	ng		99
20) 3+4-Methylphenols	6.98	107	124356	40.65	ng		96
22) Acetophenone	6.97	105	189793	42.95	ng		98
24) Nitrobenzene	7.14	77	146344	40.89	ng		99
25) Isophorone	7.38	82	262451	41.43	ng		99
26) 2-Nitrophenol	7.46	139	64769	40.48	ng		96
27) 2,4-Dimethylphenol	7.51	122	106696	41.86	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	146630	41.82	ng		99
29) 2,4-Dichlorophenol	7.70	162	103874	44.72	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	109860	41.45	ng		99
31) Naphthalene	7.85	128	363472	39.55	ng		100
32) Benzoic acid	7.67	122	68353	38.48	ng		96
33) 4-Chloroaniline	7.92	127	140499	40.15	ng		100
34) Hexachlorobutadiene	7.98	225	62477	41.16	ng		98
35) Caprolactam	8.30	113	27756	39.59	ng		95
36) 4-Chloro-3-methylphenol	8.41	107	123403	44.70	ng		99
37) 2-Methylnaphthalene	8.55	142	224542	40.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	120973	38.51	ng		99
40) Hexachlorocyclopentadiene	8.70	237	29631	38.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	61261	41.02	ng	100
43) 2,4,5-Trichlorophenol	8.88	196	75063	39.68	ng	97
45) 1,1'-Biphenyl	9.00	154	284677	37.24	ng	99
46) 2-Chloronaphthalene	9.03	162	230078	40.08	ng	99
47) 2-Nitroaniline	9.14	65	69422	40.84	ng	100
48) Acenaphthylene	9.44	152	374506	41.42	ng	99
49) Dimethylphthalate	9.32	163	282339	41.33	ng	100
50) 2,6-Dinitrotoluene	9.38	165	60846	43.34	ng	95
51) Acenaphthene	9.61	154	220251	41.71	ng	100
52) 3-Nitroaniline	9.55	138	61411	41.46	ng	98
53) 2,4-Dinitrophenol	9.67	184	23175	46.69	ng	98
54) Dibenzofuran	9.78	168	288996	40.17	ng	100
55) 4-Nitrophenol	9.74	139	24668m	37.73	ng	
56) 2,4-Dinitrotoluene	9.78	165	75228	40.71	ng	89
57) Fluorene	10.12	166	255336	40.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	54743	43.34	ng	96
59) Diethylphthalate	10.01	149	267111	38.57	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	107463	37.30	ng	98
61) 4-Nitroaniline	10.17	138	64633	42.33	ng	84
62) Azobenzene	10.27	77	272482	38.20	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	40310	41.05	ng	95
65) n-Nitrosodiphenylamine	10.24	169	210768	40.82	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	69796	44.18	ng	95
67) Hexachlorobenzene	10.66	284	62453	38.57	ng	96
68) Atrazine	10.78	200	70748	44.60	ng	98
69) Pentachlorophenol	10.87	266	27809	38.83	ng	98
70) Phenanthrene	11.07	178	362432	42.47	ng	99
71) Anthracene	11.12	178	376663	39.70	ng	100
72) Carbazole	11.29	167	319525	40.00	ng	100
73) Di-n-butylphthalate	11.62	149	403375	37.64	ng	99
74) Fluoranthene	12.25	202	383581	42.73	ng	99
76) Benzidine	12.39	184	181603	39.64	ng	99
77) Pyrene	12.47	202	360471	38.36	ng	100
79) Butylbenzylphthalate	13.11	149	182723	42.77	ng	98
80) Benzo(a)anthracene	13.66	228	276060	39.45	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	105502	41.90	ng	100
82) Chrysene	13.69	228	279531	37.53	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	237943	38.53	ng	99
84) Di-n-octyl phthalate	14.27	149	371939	38.59	ng	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	202218	38.19	ng	100
87) Benzo(b)fluoranthene	14.65	252	215255m	36.84	ng	
88) Benzo(k)fluoranthene	14.67	252	242486m	45.14	ng	
89) Benzo(a)pyrene	14.95	252	214769	40.97	ng	99
90) Dibenzo(a,h)anthracene	16.21	278	168840	40.89	ng	99
91) Benzo(g,h,i)perylene	16.56	276	163891	40.38	ng	95

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

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