Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087795.D
Acq On : 7 Jun 2016 18:25
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF060716

Manual Integrations APPROVED
sohil
6/8/2016 7:14:47 PM

Quant Time: Jun 07 19:41:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 17:59:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	93354	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	366479	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	182794	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	347907	20.00	ng		0.00
75) Chrysene-d12	13.99	240	256939	20.00	ng		0.00
86) Perylene-d12	15.39	264	206607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	399573	73.17	ng		0.00
7) Phenol-d6	6.48	99	550378	83.16	ng		0.00
23) Nitrobenzene-d5	7.40	82	506638	80.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	141246	73.18	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	982957	84.44	ng		-0.01
78) Terphenyl-d14	12.94	244	797427	70.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	102030	38.45	ng	#	34
3) Pyridine	3.13	79	231030	36.88	ng		96
4) n-Nitrosodimethylamine	3.07	42	101208	38.14	ng		91
6) Aniline	6.50	93	360827	38.31	ng		99
8) 2-Chlorophenol	6.63	128	259683	40.18	ng		86
9) Benzaldehyde	6.39	77	167796	42.91	ng		97
10) Phenol	6.49	94	322448	47.32	ng		85
11) bis(2-Chloroethyl)ether	6.58	93	246896	42.55	ng		87
12) 1,3-Dichlorobenzene	6.78	146	260762	37.60	ng		98
13) 1,4-Dichlorobenzene	6.86	146	258062	36.94	ng		97
14) 1,2-Dichlorobenzene	7.02	146	262783	41.36	ng		98
15) Benzyl Alcohol	6.98	79	191914	37.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	321459	41.00	ng		92
17) 2-Methylphenol	7.10	107	196215	37.43	ng		99
18) Hexachloroethane	7.36	117	100013	40.35	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	168594	39.82	ng	#	82
20) 3+4-Methylphenols	7.26	107	246618	40.32	ng	#	78
22) Acetophenone	7.26	105	321816	39.29	ng	#	89
24) Nitrobenzene	7.43	77	265455	43.67	ng		92
25) Isophorone	7.67	82	448908	38.62	ng		99
26) 2-Nitrophenol	7.75	139	142784	43.85	ng	#	74
27) 2,4-Dimethylphenol	7.78	122	221789	36.99	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	312898	43.40	ng		99
29) 2,4-Dichlorophenol	7.99	162	219409	43.83	ng		92
30) 1,2,4-Trichlorobenzene	8.07	180	211829	38.86	ng		100
31) Naphthalene	8.15	128	681955	37.60	ng		100
32) Benzoic acid	7.90	122	141129	42.75	ng		96
33) 4-Chloroaniline	8.19	127	308447	38.09	ng		98
34) Hexachlorobutadiene	8.27	225	119581	41.60	ng		98
35) Caprolactam	8.57	113	66854	40.32	ng		90
36) 4-Chloro-3-methylphenol	8.68	107	226778	42.36	ng		87
37) 2-Methylnaphthalene	8.84	142	480741	40.22	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	205628	42.38	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	124920	42.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	150921	41.29	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	147143	38.69	ng	#	90
45) 1,1'-Biphenyl	9.30	154	552826	39.54	ng		99
46) 2-Chloronaphthalene	9.32	162	441041	37.29	ng		99
47) 2-Nitroaniline	9.42	65	124590	35.71	ng		98
48) Acenaphthylene	9.74	152	688342	36.58	ng		100
49) Dimethylphthalate	9.61	163	568661	42.95	ng		99
50) 2,6-Dinitrotoluene	9.67	165	134164	44.24	ng		95
51) Acenaphthene	9.91	154	434213	36.99	ng		99
52) 3-Nitroaniline	9.83	138	124785	35.66	ng		99
53) 2,4-Dinitrophenol	9.93	184	51328	36.80	ng		95
54) Dibenzofuran	10.08	168	621222	38.43	ng	#	90
55) 4-Nitrophenol	9.99	139	101521	37.38	ng		92
56) 2,4-Dinitrotoluene	10.07	165	175764	45.10	ng		99
57) Fluorene	10.42	166	427930	38.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	120970	40.48	ng	#	56
59) Diethylphthalate	10.31	149	547289	40.83	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	219974	40.92	ng		90
61) 4-Nitroaniline	10.44	138	143779	43.32	ng		98
62) Azobenzene	10.58	77	536553	40.48	ng		88
64) 4,6-Dinitro-2-methylphenol	10.47	198	72943	34.23	ng		98
65) n-Nitrosodiphenylamine	10.54	169	421528	36.51	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	132760	35.57	ng	#	73
67) Hexachlorobenzene	10.97	284	153942	39.70	ng	#	88
68) Atrazine	11.06	200	123912	35.45	ng		92
69) Pentachlorophenol	11.16	266	86513	42.32	ng		98
70) Phenanthrene	11.38	178	705954	38.67	ng		99
71) Anthracene	11.43	178	718757	39.03	ng		99
72) Carbazole	11.59	167	704044	40.85	ng		100
73) Di-n-butylphthalate	11.92	149	779410	35.73	ng		99
74) Fluoranthene	12.56	202	689176	35.77	ng		97
76) Benzidine	12.69	184	332987	46.80	ng		100
77) Pyrene	12.79	202	689677	36.17	ng		99
79) Butylbenzylphthalate	13.42	149	366037	43.42	ng		99
80) Benzo(a)anthracene	13.98	228	563865	38.51	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	184639	46.89	ng		98
82) Chrysene	14.01	228	559579	40.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	438807	42.76	ng	#	97
84) Di-n-octyl phthalate	14.58	149	720610	43.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	513898	40.15	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	498916	34.65	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	502105m	46.22	ng		
89) Benzo(a)pyrene	15.34	252	463995	39.83	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	425781	39.35	ng		97
91) Benzo(g,h,i)perylene	17.20	276	437942	39.34	ng	#	93

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

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