Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085089.D
Acq On : 17 Feb 2016 16:32
Operator : SJ/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Manual Integrations APPROVED
Sohil
2/19/2016 7:57:12 AM

Quant Time: Feb 17 17:03:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 16:42:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218168	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	843271	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	392347	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	799948	20.00	ng		0.00
75) Chrysene-d12	14.16	240	792855	20.00	ng		0.00
86) Perylene-d12	15.63	264	728205	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	942966	75.54	ng		0.00
7) Phenol-d6	6.62	99	1341843	85.50	ng		0.00
23) Nitrobenzene-d5	7.55	82	1184211	86.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	363390	87.24	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2173003	81.85	ng		0.00
78) Terphenyl-d14	13.11	244	2243981	79.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	242547	41.06	ng		89
3) Pyridine	3.47	79	572299	37.60	ng		88
4) n-Nitrosodimethylamine	3.42	42	297903	40.80	ng	#	92
6) Aniline	6.65	93	879136	40.33	ng	#	72
8) 2-Chlorophenol	6.78	128	591176	41.08	ng		95
9) Benzaldehyde	6.54	77	342291	37.51	ng		86
10) Phenol	6.63	94	751318m	44.28	ng		
11) bis(2-Chloroethyl)ether	6.73	93	582717	40.69	ng		96
12) 1,3-Dichlorobenzene	6.94	146	640535	41.25	ng		99
13) 1,4-Dichlorobenzene	7.02	146	648911	41.15	ng		95
14) 1,2-Dichlorobenzene	7.16	146	560299	38.37	ng		98
15) Benzyl Alcohol	7.13	79	474407	41.17	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	865755	39.99	ng		94
17) 2-Methylphenol	7.23	107	456817	39.67	ng	#	86
18) Hexachloroethane	7.51	117	225649	40.16	ng	#	83
19) n-Nitroso-di-n-propylamine	7.40	70	412678	38.52	ng		92
20) 3+4-Methylphenols	7.39	107	602192	41.61	ng		98
22) Acetophenone	7.40	105	834092	39.70	ng	#	97
24) Nitrobenzene	7.58	77	615993	43.78	ng		99
25) Isophorone	7.82	82	1114687	38.77	ng		99
26) 2-Nitrophenol	7.90	139	289493	46.36	ng	#	88
27) 2,4-Dimethylphenol	7.92	122	549952	40.26	ng		99
28) bis(2-Chloroethoxy)methane	8.02	93	617559	36.22	ng		98
29) 2,4-Dichlorophenol	8.12	162	470704	39.99	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	511543	38.13	ng		99
31) Naphthalene	8.31	128	1654886	40.83	ng		98
32) Benzoic acid	8.04	122	429544	42.79	ng		97
33) 4-Chloroaniline	8.34	127	613849	35.29	ng		95
34) Hexachlorobutadiene	8.42	225	328407	40.49	ng		96
35) Caprolactam	8.72	113	149719	42.55	ng		94
36) 4-Chloro-3-methylphenol	8.82	107	543956	42.75	ng		88
37) 2-Methylnaphthalene	8.99	142	1072454	40.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	534947	40.07	ng		98
40) Hexachlorocyclopentadiene	9.15	237	315577	44.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	384162	45.30	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	382643	45.79	ng		92
45) 1,1'-Biphenyl	9.46	154	1391228	41.45	ng		97
46) 2-Chloronaphthalene	9.48	162	1076657	43.60	ng		94
47) 2-Nitroaniline	9.58	65	301161	40.10	ng	#	75
48) Acenaphthylene	9.90	152	1575581	39.47	ng		97
49) Dimethylphthalate	9.76	163	1290793	44.82	ng	#	97
50) 2,6-Dinitrotoluene	9.82	165	284746	46.96	ng		92
51) Acenaphthene	10.07	154	978803	39.78	ng		97
52) 3-Nitroaniline	9.99	138	295731	43.05	ng	#	79
53) 2,4-Dinitrophenol	10.08	184	89949	44.11	ng	#	1
54) Dibenzofuran	10.24	168	1307470	39.78	ng		97
55) 4-Nitrophenol	10.12	139	227800	41.85	ng		95
56) 2,4-Dinitrotoluene	10.22	165	356464	47.70	ng		95
57) Fluorene	10.58	166	1034869	38.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	313781	46.01	ng		96
59) Diethylphthalate	10.46	149	1247318	41.93	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	544960	38.94	ng		92
61) 4-Nitroaniline	10.59	138	261186	40.72	ng		98
62) Azobenzene	10.73	77	1040597	37.24	ng		96
64) 4,6-Dinitro-2-methylphenol	10.63	198	153909	42.85	ng	#	58
65) n-Nitrosodiphenylamine	10.70	169	1042023	41.30	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	359527	38.49	ng		93
67) Hexachlorobenzene	11.13	284	392567	40.00	ng		92
68) Atrazine	11.21	200	286244	39.39	ng		96
69) Pentachlorophenol	11.32	266	254030	42.67	ng		97
70) Phenanthrene	11.54	178	1506148	37.48	ng		98
71) Anthracene	11.60	178	1763737	43.48	ng		95
72) Carbazole	11.75	167	1592465	43.05	ng		98
73) Di-n-butylphthalate	12.08	149	1831154	43.38	ng		97
74) Fluoranthene	12.73	202	1720865	39.62	ng		93
76) Benzidine	12.85	184	877317	37.59	ng	#	93
77) Pyrene	12.96	202	1682557	35.25	ng		96
79) Butylbenzylphthalate	13.58	149	828158	43.65	ng		96
80) Benzo(a)anthracene	14.15	228	1633736	36.94	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	664068	40.61	ng	#	96
82) Chrysene	14.18	228	1465821m	36.01	ng		
83) Bis(2-ethylhexyl)phthalate	14.14	149	1107759	42.72	ng	#	95
84) Di-n-octyl phthalate	14.74	149	1799204	43.37	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1705613	43.32	ng		99
87) Benzo(b)fluoranthene	15.20	252	1604741	34.56	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	1662055m	44.45	ng		
89) Benzo(a)pyrene	15.58	252	1607320	40.74	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	1403175	41.66	ng		98
91) Benzo(g,h,i)perylene	17.58	276	1338779	40.51	ng		98

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

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