Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090788.D
Acq On : 24 Oct 2016 14:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/25/2016 4:24:07 PM

Quant Time: Oct 24 17:09:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	198590	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	859605	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	475426	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	739847	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	600165	20.00	ng		-0.01
86) Perylene-d12	15.42	264	402263	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1048878	85.18	ng		-0.02
7) Phenol-d6	6.47	99	1259987	75.54	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1130948	72.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	396354	105.33	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	2292366	74.85	ng		-0.02
78) Terphenyl-d14	12.96	244	2194604	83.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	237235	33.30	ng	#	70
3) Pyridine	3.14	79	682986	40.91	ng	#	73
4) n-Nitrosodimethylamine	3.10	42	167147	29.26	ng	#	52
6) Aniline	6.50	93	758061	40.09	ng	#	76
8) 2-Chlorophenol	6.62	128	605295	40.95	ng		97
9) Benzaldehyde	6.38	77	310261	34.02	ng	#	85
10) Phenol	6.49	94	671247	35.80	ng	#	61
11) bis(2-Chloroethyl)ether	6.58	93	606208m	38.48	ng		
12) 1,3-Dichlorobenzene	6.77	146	610192	41.10	ng	#	92
13) 1,4-Dichlorobenzene	6.85	146	642102	40.77	ng	#	92
14) 1,2-Dichlorobenzene	7.01	146	600542	38.95	ng		98
15) Benzyl Alcohol	6.98	79	420851	37.15	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.11	45	662264	28.07	ng		64
17) 2-Methylphenol	7.10	107	470506	42.24	ng	#	85
18) Hexachloroethane	7.34	117	227325	35.56	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	392371	31.59	ng	#	66
20) 3+4-Methylphenols	7.25	107	497285	37.67	ng	#	56
22) Acetophenone	7.25	105	724259	37.81	ng	#	86
24) Nitrobenzene	7.42	77	611005	35.96	ng	#	73
25) Isophorone	7.66	82	1056033	35.59	ng	#	90
26) 2-Nitrophenol	7.74	139	323045	46.54	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	482774	39.23	ng		89
28) bis(2-Chloroethoxy)methane	7.88	93	669432	41.24	ng	#	95
29) 2,4-Dichlorophenol	7.98	162	478860	47.41	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	513881	43.23	ng		97
31) Naphthalene	8.14	128	1569399	37.32	ng		97
32) Benzoic acid	7.93	122	349686	41.51	ng	#	72
33) 4-Chloroaniline	8.20	127	709475	45.50	ng	#	95
34) Hexachlorobutadiene	8.27	225	313933	46.97	ng		99
35) Caprolactam	8.58	113	139779	48.45	ng		90
36) 4-Chloro-3-methylphenol	8.68	107	475607	40.48	ng	#	82
37) 2-Methylnaphthalene	8.84	142	1119888	45.57	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	496624	38.69	ng		98
40) Hexachlorocyclopentadiene	8.99	237	223637	37.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	330945	41.57	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	349635	43.28	ng		96
45) 1,1'-Biphenyl	9.30	154	1324552	35.48	ng		92
46) 2-Chloronaphthalene	9.32	162	1029975	37.12	ng	#	90
47) 2-Nitroaniline	9.42	65	305764	33.19	ng	#	82
48) Acenaphthylene	9.74	152	1672314	39.49	ng		96
49) Dimethylphthalate	9.61	163	1129187	37.80	ng	#	97
50) 2,6-Dinitrotoluene	9.66	165	250397	38.98	ng	#	65
51) Acenaphthene	9.91	154	1107451	39.40	ng		88
52) 3-Nitroaniline	9.83	138	278437	37.70	ng	#	62
53) 2,4-Dinitrophenol	9.94	184	122910	43.80	ng	#	38
54) Dibenzofuran	10.09	168	1432382	42.07	ng	#	91
55) 4-Nitrophenol	10.01	139	172040	41.04	ng	#	83
56) 2,4-Dinitrotoluene	10.07	165	356832	45.44	ng	#	91
57) Fluorene	10.43	166	1198347	42.47	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.20	232	282748	44.60	ng		99
59) Diethylphthalate	10.30	149	1159437	37.42	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	534672	41.46	ng	#	89
61) 4-Nitroaniline	10.45	138	304464	40.71	ng	#	55
62) Azobenzene	10.58	77	1155254	31.84	ng		86
64) 4,6-Dinitro-2-methylphenol	10.47	198	179084	38.80	ng		90
65) n-Nitrosodiphenylamine	10.54	169	978309	41.27	ng		90
66) 4-Bromophenyl-phenylether	10.91	248	361597	50.42	ng		96
67) Hexachlorobenzene	10.98	284	425081	50.22	ng	#	78
68) Atrazine	11.07	200	287609	43.96	ng		85
69) Pentachlorophenol	11.17	266	199688	45.13	ng		98
70) Phenanthrene	11.39	178	1584644	42.02	ng		95
71) Anthracene	11.43	178	1561534	37.34	ng		96
72) Carbazole	11.59	167	1458857	41.72	ng		94
73) Di-n-butylphthalate	11.93	149	1672361	36.87	ng	#	97
74) Fluoranthene	12.58	202	1658999	45.48	ng		88
76) Benzidine	12.70	184	629286	47.22	ng	#	96
77) Pyrene	12.81	202	1671342	39.87	ng		96
79) Butylbenzylphthalate	13.42	149	744759	38.65	ng		90
80) Benzo(a)anthracene	14.00	228	1310620	39.90	ng		95
81) 3,3'-Dichlorobenzidine	13.96	252	549807	48.31	ng	#	93
82) Chrysene	14.03	228	1463932	45.67	ng		93
83) Bis(2-ethylhexyl)phthalate	13.98	149	948477	34.41	ng	#	94
84) Di-n-octyl phthalate	14.60	149	1508993	36.07	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.82	276	915834	32.75	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	1143278	46.22	ng	#	87
88) Benzo(k)fluoranthene	15.05	252	991820m	39.90	ng		
89) Benzo(a)pyrene	15.37	252	958047	41.28	ng	#	90
90) Dibenzo(a,h)anthracene	16.84	278	777462	34.89	ng	#	81
91) Benzo(g,h,i)perylene	17.24	276	762759	35.29	ng	#	80

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

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