Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088191.D
Acq On : 21 Jun 2016 1:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
6/21/2016 4:22:45 PM

Quant Time: Jun 21 02:06:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	80376	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	323786	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	155312	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	286339	20.00	ng		0.00
75) Chrysene-d12	13.81	240	228339	20.00	ng		0.00
86) Perylene-d12	15.18	264	191453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	381500	81.14	ng		0.00
7) Phenol-d6	6.32	99	423981	74.41	ng		-0.01
23) Nitrobenzene-d5	7.24	82	435342	78.51	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	104475	63.71	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	811831	81.91	ng		0.00
78) Terphenyl-d14	12.76	244	758898	75.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	97426	42.65	ng	#	44
3) Pyridine	2.79	79	204195	37.86	ng		93
4) n-Nitrosodimethylamine	2.74	42	86551	37.89	ng	#	77
6) Aniline	6.33	93	283039	34.90	ng	#	67
8) 2-Chlorophenol	6.46	128	229988	41.33	ng		88
9) Benzaldehyde	6.22	77	127917	33.83	ng		97
10) Phenol	6.34	94	237669	40.13	ng		87
11) bis(2-Chloroethyl)ether	6.41	93	195434	39.12	ng		90
12) 1,3-Dichlorobenzene	6.60	146	236672	39.64	ng		98
13) 1,4-Dichlorobenzene	6.68	146	245314	40.79	ng		99
14) 1,2-Dichlorobenzene	6.84	146	205040	37.48	ng		99
15) Benzyl Alcohol	6.82	79	146137	32.78	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	234885	34.80	ng		79
17) 2-Methylphenol	6.95	107	179977	39.88	ng		99
18) Hexachloroethane	7.18	117	86196	40.39	ng	#	89
19) n-Nitroso-di-n-propylamine	7.10	70	144425	39.62	ng	#	86
20) 3+4-Methylphenols	7.11	107	223270	42.40	ng	#	74
22) Acetophenone	7.08	105	290554	40.16	ng	#	96
24) Nitrobenzene	7.26	77	197260	36.73	ng	#	87
25) Isophorone	7.50	82	387816	37.76	ng		98
26) 2-Nitrophenol	7.58	139	120289	41.81	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	192510	36.34	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	237798	37.33	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	177415	40.11	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	180760	37.53	ng		99
31) Naphthalene	7.98	128	639612	39.92	ng		99
32) Benzoic acid	7.77	122	67784	23.24	ng		90
33) 4-Chloroaniline	8.03	127	264809	37.01	ng		98
34) Hexachlorobutadiene	8.10	225	97007	38.19	ng		98
35) Caprolactam	8.41	113	59046	40.30	ng	#	65
36) 4-Chloro-3-methylphenol	8.54	107	181961	38.47	ng	#	84
37) 2-Methylnaphthalene	8.67	142	409780	38.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	174484	42.30	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	84796	33.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	108597	34.96	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	117248	36.28	ng	#	80
45) 1,1'-Biphenyl	9.13	154	493167	41.87	ng		98
46) 2-Chloronaphthalene	9.15	162	384235	38.23	ng		99
47) 2-Nitroaniline	9.26	65	106923	36.06	ng		90
48) Acenaphthylene	9.56	152	581334	36.36	ng		99
49) Dimethylphthalate	9.44	163	454844	40.43	ng		99
50) 2,6-Dinitrotoluene	9.51	165	101217	39.28	ng	#	81
51) Acenaphthene	9.74	154	355315	35.63	ng		98
52) 3-Nitroaniline	9.67	138	107169	36.05	ng		98
53) 2,4-Dinitrophenol	9.78	184	49016	40.53	ng		98
54) Dibenzofuran	9.91	168	488748	35.59	ng	#	90
55) 4-Nitrophenol	9.85	139	90064	39.03	ng		96
56) 2,4-Dinitrotoluene	9.91	165	126344	38.16	ng	#	70
57) Fluorene	10.25	166	419708	45.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	95173	37.48	ng	#	58
59) Diethylphthalate	10.14	149	481327	42.27	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	169498	37.11	ng		91
61) 4-Nitroaniline	10.28	138	125256	44.42	ng		96
62) Azobenzene	10.40	77	429133	38.11	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	52245	30.07	ng	#	60
65) n-Nitrosodiphenylamine	10.36	169	369228	38.86	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	123927	40.34	ng		96
67) Hexachlorobenzene	10.80	284	119344	37.39	ng	#	71
68) Atrazine	10.89	200	107395	37.33	ng		90
69) Pentachlorophenol	10.99	266	61398	36.49	ng		97
70) Phenanthrene	11.20	178	590786	39.32	ng		99
71) Anthracene	11.26	178	612780	40.43	ng		100
72) Carbazole	11.42	167	590001	41.60	ng		99
73) Di-n-butylphthalate	11.75	149	684026	38.10	ng		99
74) Fluoranthene	12.39	202	630764	39.78	ng		98
76) Benzidine	12.51	184	260908	41.27	ng		99
77) Pyrene	12.62	202	636471	37.56	ng		98
79) Butylbenzylphthalate	13.23	149	298030	39.78	ng		89
80) Benzo(a)anthracene	13.79	228	450223	34.60	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	144160	41.20	ng	#	96
82) Chrysene	13.83	228	511091	41.75	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	365200	40.05	ng		99
84) Di-n-octyl phthalate	14.40	149	682549	46.06	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	424800	37.35	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	431066m	32.30	ng		
88) Benzo(k)fluoranthene	14.83	252	457494m	45.45	ng		
89) Benzo(a)pyrene	15.12	252	426320	39.49	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	358012	35.70	ng		97
91) Benzo(g,h,i)perylene	16.85	276	372950	36.16	ng		98

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

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