Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095469.D
Acq On : 26 May 2017 19:38
Operator : SJ/MA
Sample : I3366-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-004MS

Manual Integrations APPROVED
mohammad
5/30/2017 1:36:26 PM

Quant Time: May 27 04:14:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	99265	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	393271	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	175739	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	273100	20.00	ng		0.00
75) Chrysene-d12	18.68	240	201437	20.00	ng		0.00
86) Perylene-d12	20.35	264	160804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	763741	128.27	ng		0.00
7) Phenol-d6	7.30	99	919517	128.72	ng		0.00
23) Nitrobenzene-d5	8.65	82	499337	80.07	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	158557	110.17	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	941269	77.09	ng		0.00
78) Terphenyl-d14	17.32	244	647509	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	87407	29.93	ng		97
3) Pyridine	2.94	79	218432	32.28	ng		93
4) n-Nitrosodimethylamine	2.86	42	86664	30.72	ng	#	74
6) Aniline	7.25	93	315208	34.95	ng		96
8) 2-Chlorophenol	7.44	128	283307	41.81	ng		96
9) Benzaldehyde	7.09	77	52019	11.93	ng		97
10) Phenol	7.31	94	351542	46.70	ng		92
11) bis(2-Chloroethyl)ether	7.38	93	242477	39.02	ng		96
12) 1,3-Dichlorobenzene	7.65	146	281049	36.56	ng		98
13) 1,4-Dichlorobenzene	7.77	146	294912	37.83	ng		97
14) 1,2-Dichlorobenzene	8.00	146	282149	38.77	ng		97
15) Benzyl Alcohol	8.04	79	215910	46.99	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	329857	37.50	ng		95
17) 2-Methylphenol	8.25	107	222554	40.13	ng		92
18) Hexachloroethane	8.51	117	88622	33.56	ng	#	83
19) n-Nitroso-di-n-propylamine	8.45	70	192190	39.78	ng		92
20) 3+4-Methylphenols	8.51	107	292279	38.78	ng	#	58
22) Acetophenone	8.42	105	383802	40.68	ng	#	83
24) Nitrobenzene	8.68	77	260148	39.80	ng		92
25) Isophorone	9.08	82	464053	41.67	ng		96
26) 2-Nitrophenol	9.19	139	117239	33.24	ng		95
27) 2,4-Dimethylphenol	9.32	122	240784	42.22	ng		98
28) bis(2-Chloroethoxy)methane	9.44	93	309491	40.17	ng		99
29) 2,4-Dichlorophenol	9.62	162	225203	41.82	ng		98
30) 1,2,4-Trichlorobenzene	9.69	180	224249	38.87	ng		99
31) Naphthalene	9.80	128	758753	38.39	ng		99
32) Benzoic acid	9.62	122	61216	19.70	ng		93
33) 4-Chloroaniline	9.96	127	115041	15.62	ng		95
34) Hexachlorobutadiene	10.01	225	107299	35.25	ng		98
35) Caprolactam	10.57	113	63772m	39.44	ng		
36) 4-Chloro-3-methylphenol	10.81	107	227641	39.54	ng		91
37) 2-Methylnaphthalene	10.92	142	527403	40.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	207194	38.34	ng		99
40) Hexachlorocyclopentadiene	11.17	237	20217	14.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	139725	38.72	ng		99
43) 2,4,5-Trichlorophenol	11.53	196	127574	32.89	ng		94
45) 1,1'-Biphenyl	11.68	154	595898	40.27	ng		97
46) 2-Chloronaphthalene	11.70	162	459604	38.47	ng		95
47) 2-Nitroaniline	11.93	65	136127	41.63	ng	#	77
48) Acenaphthylene	12.36	152	725227	38.75	ng		99
49) Dimethylphthalate	12.24	163	651114	45.13	ng		99
50) 2,6-Dinitrotoluene	12.33	165	109342	37.15	ng	#	90
51) Acenaphthene	12.64	154	422788	37.83	ng		97
52) 3-Nitroaniline	12.61	138	97584	30.89	ng		89
53) 2,4-Dinitrophenol	12.91	184	9196	11.48	ng	#	3
54) Dibenzofuran	12.94	168	642697	41.55	ng		98
55) 4-Nitrophenol	13.04	139	96012	50.60	ng	#	79
56) 2,4-Dinitrotoluene	13.01	165	141945	37.53	ng		97
57) Fluorene	13.49	166	509150	37.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.18	232	77549	31.77	ng		98
59) Diethylphthalate	13.38	149	510450	36.91	ng		100
60) 4-Chlorophenyl-phenylether	13.51	204	225606	38.17	ng		91
61) 4-Nitroaniline	13.62	138	106982	36.89	ng		91
62) Azobenzene	13.77	77	468658	42.18	ng		94
64) 4,6-Dinitro-2-methylphenol	13.71	198	9738	5.32	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	430711	43.45	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	117568	40.75	ng		97
67) Hexachlorobenzene	14.39	284	114669	38.78	ng	#	88
68) Atrazine	14.64	200	106516	38.06	ng		97
69) Pentachlorophenol	14.75	266	62967	49.51	ng		96
70) Phenanthrene	15.04	178	613601	39.10	ng		98
71) Anthracene	15.12	178	621795	38.79	ng		97
72) Carbazole	15.41	167	588869	40.38	ng		97
73) Di-n-butylphthalate	15.96	149	755871	41.56	ng		98
74) Fluoranthene	16.78	202	570910	35.47	ng		98
76) Benzidine	17.01	184	204654	39.00	ng	#	91
77) Pyrene	17.08	202	558041	37.04	ng		99
79) Butylbenzylphthalate	17.98	149	273016	38.96	ng		90
80) Benzo(a)anthracene	18.66	228	445367	37.99	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	140191	34.62	ng	#	97
82) Chrysene	18.71	228	430751	38.00	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	376580	37.72	ng		99
84) Di-n-octyl phthalate	19.49	149	640108	39.11	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	334060	36.29	ng		99
87) Benzo(b)fluoranthene	19.94	252	396324	39.89	ng		99
88) Benzo(k)fluoranthene	19.97	252	430223m	44.89	ng		
89) Benzo(a)pyrene	20.29	252	375761	40.98	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	276407	36.50	ng		95
91) Benzo(g,h,i)perylene	22.07	276	266071	35.81	ng		98

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

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