Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093179.D
Acq On : 25 Feb 2017 8:52
Operator : SJ/MA
Sample : I1972-21MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMS

Manual Integrations APPROVED
mohammad
2/27/2017 1:08:26 PM

Quant Time: Feb 27 00:46:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147415	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	560226	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	250934	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	388207	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	312464	20.00	ng		-0.01
86) Perylene-d12	15.44	264	269917	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	882410	102.70	ng		-0.01
7) Phenol-d6	6.48	99	1120016	101.31	ng		-0.01
23) Nitrobenzene-d5	7.40	82	774586	77.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	161185	88.81	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1195907	86.34	ng		-0.01
78) Terphenyl-d14	12.95	244	687105	51.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	139359	30.02	ng	#	81
3) Pyridine	3.15	79	310918	26.34	ng	#	82
4) n-Nitrosodimethylamine	3.09	42	198118	35.74	ng		85
6) Aniline	6.50	93	238016	15.78	ng	#	82
8) 2-Chlorophenol	6.62	128	320696	33.83	ng		88
9) Benzaldehyde	6.37	77	147732	18.65	ng		87
10) Phenol	6.49	94	453530	35.06	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	370559	35.89	ng		89
12) 1,3-Dichlorobenzene	6.77	146	390753	35.19	ng		96
13) 1,4-Dichlorobenzene	6.85	146	394794	35.13	ng		94
14) 1,2-Dichlorobenzene	7.00	146	344326	32.04	ng		97
15) Benzyl Alcohol	6.98	79	285885	34.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	603933	33.67	ng		98
17) 2-Methylphenol	7.10	107	249695	30.70	ng		98
18) Hexachloroethane	7.34	117	113695	29.64	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	246687	35.05	ng		94
20) 3+4-Methylphenols	7.26	107	334788	34.43	ng	#	74
22) Acetophenone	7.25	105	496431	38.81	ng	#	97
24) Nitrobenzene	7.42	77	370397	35.86	ng		100
25) Isophorone	7.66	82	683245	36.45	ng		96
26) 2-Nitrophenol	7.74	139	174302	35.50	ng		95
27) 2,4-Dimethylphenol	7.79	122	241186	27.97	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	482458	38.86	ng		99
29) 2,4-Dichlorophenol	8.00	162	267111	33.21	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	285647	32.96	ng	#	94
31) Naphthalene	8.14	128	931875	32.81	ng		99
32) Benzoic acid	7.93	122	1253m	7.38	ng		
33) 4-Chloroaniline	8.20	127	181559	16.30	ng		98
34) Hexachlorobutadiene	8.26	225	147229	30.87	ng		99
35) Caprolactam	8.57	113	81602	32.25	ng	#	43
36) 4-Chloro-3-methylphenol	8.69	107	289904	34.57	ng		96
37) 2-Methylnaphthalene	8.84	142	657712	36.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	256732	36.45	ng		99
40) Hexachlorocyclopentadiene	8.99	237	54171	17.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	178256	38.51	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	178350	35.17	ng	#	85
45) 1,1'-Biphenyl	9.30	154	699017	38.47	ng		96
46) 2-Chloronaphthalene	9.33	162	577230	40.61	ng		94
47) 2-Nitroaniline	9.42	65	186412	39.01	ng		85
48) Acenaphthylene	9.74	152	897323	36.54	ng		98
49) Dimethylphthalate	9.61	163	871783	51.58	ng		99
50) 2,6-Dinitrotoluene	9.68	165	154616	42.36	ng		95
51) Acenaphthene	9.92	154	532874	36.30	ng		97
52) 3-Nitroaniline	9.85	138	127694	30.57	ng	#	72
53) 2,4-Dinitrophenol	9.96	184	5367	7.45	ng	#	58
54) Dibenzofuran	10.09	168	782227	39.84	ng		93
55) 4-Nitrophenol	10.02	139	155596	51.72	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	162765	33.49	ng	#	92
57) Fluorene	10.43	166	596315	39.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	116361	34.40	ng		93
59) Diethylphthalate	10.30	149	649862	40.80	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	256247	35.31	ng		91
61) 4-Nitroaniline	10.45	138	134221	31.37	ng		91
62) Azobenzene	10.58	77	686474	41.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	21872	11.41	ng	#	61
65) n-Nitrosodiphenylamine	10.54	169	502083	40.49	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	151358	37.32	ng	#	88
67) Hexachlorobenzene	10.98	284	135645	33.84	ng		99
68) Atrazine	11.07	200	154396	38.80	ng		98
69) Pentachlorophenol	11.17	266	95962	49.41	ng		96
70) Phenanthrene	11.39	178	818538	36.80	ng		98
71) Anthracene	11.44	178	720012	32.24	ng		98
72) Carbazole	11.60	167	615832	28.84	ng		99
73) Di-n-butylphthalate	11.93	149	898106	38.90	ng	#	97
74) Fluoranthene	12.58	202	755020	32.91	ng		95
76) Benzidine	12.71	184	114922	8.63	ng		96
77) Pyrene	12.81	202	753524	32.22	ng		99
79) Butylbenzylphthalate	13.43	149	324887	34.21	ng		87
80) Benzo(a)anthracene	14.00	228	625669	32.74	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	159336	23.39	ng	#	95
82) Chrysene	14.03	228	512278	28.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	445644	34.32	ng	#	97
84) Di-n-octyl phthalate	14.59	149	741245	35.05	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	454369	32.78	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	543102m	30.57	ng		
88) Benzo(k)fluoranthene	15.06	252	563161m	36.71	ng		
89) Benzo(a)pyrene	15.38	252	497040	32.34	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	383569	30.88	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	357595	28.50	ng	#	89

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

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