Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101908.D
Acq On : 4 Jan 2018 23:03
Operator : SJ/JU
Sample : J1033-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Manual Integrations APPROVED
Sohil
1/5/2018 12:29:33 PM

Quant Time: Jan 05 12:25:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156729	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	604075	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	229803	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	340951	20.00	ng		0.00
75) Chrysene-d12	13.96	240	262824	20.00	ng		0.00
86) Perylene-d12	15.43	264	193296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1314789	124.96	ng		0.01
7) Phenol-d6	6.43	99	1454262	111.06	ng		0.01
23) Nitrobenzene-d5	7.35	82	951081	87.64	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	209925	94.80	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1049973	70.88	ng		0.00
78) Terphenyl-d14	12.88	244	869423	79.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	186772	34.546	ng		96
3) Pyridine	3.28	79	484746m	32.271	ng		
4) n-Nitrosodimethylamine	3.25	42	261469	37.806	ng		97
6) Aniline	6.45	93	409136	22.483	ng	#	47
8) 2-Chlorophenol	6.57	128	445593	40.259	ng		97
9) Benzaldehyde	6.35	77	140340	14.512	ng		97
10) Phenol	6.45	94	603303	40.423	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	472581	40.367	ng		94
12) 1,3-Dichlorobenzene	6.71	146	478745	38.325	ng		98
13) 1,4-Dichlorobenzene	6.79	146	497379	38.991	ng		99
14) 1,2-Dichlorobenzene	6.94	146	432106	37.632	ng		99
15) Benzyl Alcohol	6.93	79	360875	40.039	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	782464	43.672	ng		92
17) 2-Methylphenol	7.05	107	382382	37.558	ng	#	85
18) Hexachloroethane	7.27	117	143472	32.349	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	331620	38.563	ng		91
20) 3+4-Methylphenols	7.21	107	533825	49.480	ng		97
22) Acetophenone	7.19	105	637437	46.246	ng	#	95
24) Nitrobenzene	7.37	77	526618	43.847	ng		96
25) Isophorone	7.60	82	963783	44.272	ng		98
26) 2-Nitrophenol	7.68	139	224266	43.464	ng		93
27) 2,4-Dimethylphenol	7.72	122	403550	46.037	ng		97
28) bis(2-Chloroethoxy)methane	7.80	93	585150	42.315	ng		99
29) 2,4-Dichlorophenol	7.95	162	377681	43.611	ng		100
30) 1,2,4-Trichlorobenzene	8.00	180	358001	39.172	ng		97
31) Naphthalene	8.07	128	1190407	39.143	ng		99
32) Benzoic acid	7.90	122	6507m	8.880	ng		
33) 4-Chloroaniline	8.15	127	213921	16.184	ng		96
34) Hexachlorobutadiene	8.18	225	202022	38.220	ng		99
35) Caprolactam	8.53	113	119569	39.762	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	384622	40.408	ng		99
37) 2-Methylnaphthalene	8.77	142	763595	38.539	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	352363	45.415	ng		98
40) Hexachlorocyclopentadiene	8.91	237	266m	11.533	ng		

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	217754	46.619	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	190045	37.159	ng		98
45) 1,1'-Biphenyl	9.23	154	896481	43.988	ng		99
46) 2-Chloronaphthalene	9.26	162	662369	42.476	ng		98
47) 2-Nitroaniline	9.37	65	263387	48.893	ng	#	83
48) Acenaphthylene	9.67	152	953575	38.716	ng		100
49) Dimethylphthalate	9.53	163	951380	51.469	ng		100
50) 2,6-Dinitrotoluene	9.62	165	151557	40.342	ng	#	80
51) Acenaphthene	9.85	154	563663	38.091	ng		98
52) 3-Nitroaniline	9.79	138	156421	33.396	ng		97
54) Dibenzofuran	10.02	168	816316	43.408	ng		93
55) 4-Nitrophenol	9.99	139	64755m	31.706	ng		
56) 2,4-Dinitrotoluene	10.03	165	194847	46.033	ng	#	83
57) Fluorene	10.36	166	625920	39.345	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	152005	41.368	ng		90
59) Diethylphthalate	10.23	149	751677	41.064	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	318866	41.822	ng		94
61) 4-Nitroaniline	10.42	138	150719	32.013	ng		99
62) Azobenzene	10.51	77	738428	38.942	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	3960m	2.276	ng		
65) n-Nitrosodiphenylamine	10.47	169	572150	45.447	ng		96
66) 4-Bromophenyl-phenylether	10.83	248	175329	45.766	ng		94
67) Hexachlorobenzene	10.92	284	163072	40.219	ng		94
68) Atrazine	11.00	200	165340	44.045	ng		98
69) Pentachlorophenol	11.13	266	110998	71.184	ng		99
70) Phenanthrene	11.33	178	874525	46.123	ng		99
71) Anthracene	11.38	178	817684	42.218	ng		100
72) Carbazole	11.55	167	696807	38.427	ng		100
73) Di-n-butylphthalate	11.85	149	1004078	45.621	ng		99
74) Fluoranthene	12.52	202	940409	47.252	ng		100
76) Benzidine	12.65	184	335411	30.216	ng		97
77) Pyrene	12.76	202	950809	48.204	ng		99
79) Butylbenzylphthalate	13.34	149	383568	42.977	ng		96
80) Benzo(a)anthracene	13.95	228	797286	45.941	ng		98
81) 3,3'-Dichlorobenzidine	13.90	252	207496	36.668	ng		97
82) Chrysene	13.99	228	744251	45.420	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	630261	55.753	ng		98
84) Di-n-octyl phthalate	14.51	149	959523	47.594	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	468628	32.116	ng		96
87) Benzo(b)fluoranthene	15.00	252	647562	54.963	ng		99
88) Benzo(k)fluoranthene	15.03	252	523020	45.658	ng		98
89) Benzo(a)pyrene	15.37	252	522075	48.068	ng		100
90) Dibenzo(a,h)anthracene	16.90	278	377502	40.482	ng		98
91) Benzo(g,h,i)perylene	17.37	276	402800	43.622	ng		94

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

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