Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100836.D
Acq On : 22 Nov 2017 21:14
Operator : SJ/JU
Sample : I6043-17MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S001-0001-01MSD

Manual Integrations APPROVED
Sohil
11/27/2017 3:20:25 PM

Quant Time: Nov 27 01:16:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80874	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	327620	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	156502	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	293449	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	168156	20.00	ng		-0.02
86) Perylene-d12	15.49	264	165644	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	516153	102.31	ng		0.00
7) Phenol-d6	6.50	99	656981	105.60	ng		-0.01
23) Nitrobenzene-d5	7.43	82	407884	82.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	191419	120.03	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	837762	81.51	ng		-0.02
78) Terphenyl-d14	12.97	244	742490	101.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	62422	25.388	ng		94
3) Pyridine	3.46	79	179006	26.686	ng		97
4) n-Nitrosodimethylamine	3.40	42	92863	28.514	ng		96
6) Aniline	6.53	93	195287	22.219	ng		98
8) 2-Chlorophenol	6.65	128	201233	37.703	ng		93
9) Benzaldehyde	6.41	77	54883	12.353	ng		98
10) Phenol	6.51	94	261266	40.003	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	181461	33.078	ng		96
12) 1,3-Dichlorobenzene	6.80	146	224712	36.518	ng		95
13) 1,4-Dichlorobenzene	6.88	146	224006	35.967	ng		96
14) 1,2-Dichlorobenzene	7.03	146	213050	36.998	ng		97
15) Benzyl Alcohol	7.00	79	174806	36.001	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	313739	35.757	ng		99
17) 2-Methylphenol	7.12	107	171644	37.632	ng		97
18) Hexachloroethane	7.37	117	72270	35.193	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	140929	32.663	ng		96
20) 3+4-Methylphenols	7.26	107	210583	36.485	ng	#	86
22) Acetophenone	7.27	105	279834	35.028	ng	#	98
24) Nitrobenzene	7.45	77	207029	40.591	ng		98
25) Isophorone	7.68	82	387252	37.188	ng		100
26) 2-Nitrophenol	7.76	139	115133	48.129	ng		97
27) 2,4-Dimethylphenol	7.79	122	191237	40.967	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	248202	36.438	ng		100
29) 2,4-Dichlorophenol	8.00	162	189695	42.567	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	186914	38.775	ng		96
31) Naphthalene	8.17	128	597212	37.846	ng		99
32) Benzoic acid	7.84	122	2637m	9.964	ng		
33) 4-Chloroaniline	8.21	127	133530	20.329	ng		99
34) Hexachlorobutadiene	8.28	225	109817	38.315	ng		96
35) Caprolactam	8.59	113	49936m	32.652	ng		
36) 4-Chloro-3-methylphenol	8.70	107	188071	39.294	ng		97
37) 2-Methylnaphthalene	8.86	142	418182	39.917	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	195608	37.687	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	153515	62.843	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	138679	42.157	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	143140	41.998	ng	#	90
45) 1,1'-Biphenyl	9.32	154	499314	36.888	ng		98
46) 2-Chloronaphthalene	9.35	162	394466	40.171	ng		95
47) 2-Nitroaniline	9.45	65	115896	40.410	ng		100
48) Acenaphthylene	9.76	152	603671	37.095	ng		99
49) Dimethylphthalate	9.62	163	502874	42.085	ng		99
50) 2,6-Dinitrotoluene	9.69	165	105214	44.483	ng		88
51) Acenaphthene	9.93	154	365649	36.944	ng		99
52) 3-Nitroaniline	9.86	138	89077	31.893	ng	#	90
53) 2,4-Dinitrophenol	9.96	184	31520	41.621	ng	#	11
54) Dibenzofuran	10.11	168	536126	38.649	ng		96
55) 4-Nitrophenol	10.02	139	138044	60.869	ng		96
56) 2,4-Dinitrotoluene	10.09	165	136121	45.619	ng	#	87
57) Fluorene	10.45	166	413191	40.661	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113174	40.516	ng	#	87
59) Diethylphthalate	10.32	149	464014	38.805	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	203382	40.798	ng		91
61) 4-Nitroaniline	10.47	138	97077	36.655	ng		89
62) Azobenzene	10.60	77	465564	41.338	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	47301	34.794	ng		83
65) n-Nitrosodiphenylamine	10.56	169	383169	37.553	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	128907	40.978	ng	#	89
67) Hexachlorobenzene	11.00	284	135887	41.302	ng	#	86
68) Atrazine	11.09	200	121299	39.273	ng		96
69) Pentachlorophenol	11.19	266	122849	52.073	ng		97
70) Phenanthrene	11.42	178	603920	39.087	ng		98
71) Anthracene	11.46	178	618351	39.447	ng		99
72) Carbazole	11.62	167	512898	35.461	ng		98
73) Di-n-butylphthalate	11.95	149	688430	40.673	ng		98
74) Fluoranthene	12.60	202	594563	36.310	ng		97
76) Benzidine	12.72	184	76627	11.379	ng		97
77) Pyrene	12.83	202	583554	48.683	ng		98
79) Butylbenzylphthalate	13.44	149	231834	47.425	ng		96
80) Benzo(a)anthracene	14.02	228	394831	38.991	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	95701	26.378	ng		98
82) Chrysene	14.05	228	372534	37.991	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	310321	48.266	ng		99
84) Di-n-octyl phthalate	14.61	149	438410	39.692	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	438620	55.301	ng		94
87) Benzo(b)fluoranthene	15.06	252	350207	35.686	ng		99
88) Benzo(k)fluoranthene	15.10	252	320688m	34.585	ng		
89) Benzo(a)pyrene	15.43	252	339093	38.976	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	362325	50.924	ng		96
91) Benzo(g,h,i)perylene	17.43	276	375580	53.926	ng		93

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

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