Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099894.D
Acq On : 28 Oct 2017 00:08
Operator : SJ/JU
Sample : I6029-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MSD

Manual Integrations APPROVED
Sohil
10/30/2017 6:16:48 PM

Quant Time: Oct 28 01:58:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104877	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	436383	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	203912	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	351945	20.00	ng		0.00
75) Chrysene-d12	13.99	240	195622	20.00	ng		0.00
86) Perylene-d12	15.46	264	188165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	885441	132.55	ng		0.01
7) Phenol-d6	6.45	99	1067727	134.80	ng		0.01
23) Nitrobenzene-d5	7.37	82	622517	91.84	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	234962	126.44	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1189657	90.01	ng		0.00
78) Terphenyl-d14	12.92	244	993309	110.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	98171	33.279	ng	#	88
3) Pyridine	3.35	79	238054	33.557	ng	#	86
4) n-Nitrosodimethylamine	3.29	42	95446	37.661	ng	#	68
6) Aniline	6.47	93	247883	24.136	ng	#	61
8) 2-Chlorophenol	6.59	128	283769	39.857	ng		94
9) Benzaldehyde	6.36	77	147356	31.132	ng		88
10) Phenol	6.46	94	370956	42.655	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	260841	38.841	ng		93
12) 1,3-Dichlorobenzene	6.73	146	289858	36.259	ng		96
13) 1,4-Dichlorobenzene	6.81	146	297967	36.726	ng		99
14) 1,2-Dichlorobenzene	6.97	146	272667	36.875	ng		94
15) Benzyl Alcohol	6.95	79	192697	38.254	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	323407	43.351	ng	#	43
17) 2-Methylphenol	7.06	107	223781	37.576	ng	#	95
18) Hexachloroethane	7.30	117	98334	36.328	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	173782	37.438	ng		90
20) 3+4-Methylphenols	7.22	107	284508	41.029	ng	#	68
22) Acetophenone	7.22	105	365687	36.804	ng	#	98
24) Nitrobenzene	7.39	77	269119	39.405	ng	#	88
25) Isophorone	7.62	82	518624	42.166	ng		97
26) 2-Nitrophenol	7.70	139	164143	41.962	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	239771	41.601	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	336794	39.099	ng		99
29) 2,4-Dichlorophenol	7.95	162	253185	42.287	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	247312	38.659	ng		98
31) Naphthalene	8.10	128	813077	38.599	ng		99
32) Benzoic acid	7.86	122	12289	2.422	ng		90
33) 4-Chloroaniline	8.16	127	144060	16.562	ng		94
34) Hexachlorobutadiene	8.21	225	120124	36.506	ng		98
35) Caprolactam	8.56	113	76280m	40.513	ng		
36) 4-Chloro-3-methylphenol	8.66	107	246742	40.376	ng		94
37) 2-Methylnaphthalene	8.79	142	565251	40.042	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232399	35.288	ng		97
40) Hexachlorocyclopentadiene	8.94	237	71080	57.563	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	157622	39.567	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	158371	37.463	ng		95
45) 1,1'-Biphenyl	9.26	154	659930	35.775	ng		97
46) 2-Chloronaphthalene	9.29	162	519369	38.768	ng		94
47) 2-Nitroaniline	9.40	65	135009	38.398	ng		85
48) Acenaphthylene	9.70	152	761171	36.890	ng		99
49) Dimethylphthalate	9.57	163	771792	47.794	ng		100
50) 2,6-Dinitrotoluene	9.64	165	133818	39.419	ng		92
51) Acenaphthene	9.87	154	460084	36.493	ng		98
52) 3-Nitroaniline	9.82	138	111216	27.804	ng	#	85
53) 2,4-Dinitrophenol	9.94	184	68264	53.025	ng	#	81
54) Dibenzofuran	10.05	168	669923	37.643	ng		98
55) 4-Nitrophenol	10.00	139	137675	65.874	ng		80
56) 2,4-Dinitrotoluene	10.06	165	165029	40.367	ng	#	83
57) Fluorene	10.39	166	549828	37.314	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124878	42.132	ng		91
59) Diethylphthalate	10.27	149	581402	36.869	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	252091	36.352	ng		94
61) 4-Nitroaniline	10.45	138	136377	35.736	ng		82
62) Azobenzene	10.55	77	542710	41.055	ng		86
64) 4,6-Dinitro-2-methylphenol	10.47	198	71217	32.191	ng	#	70
65) n-Nitrosodiphenylamine	10.51	169	479830	36.933	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	146710	39.597	ng	#	87
67) Hexachlorobenzene	10.95	284	148475	39.170	ng		93
68) Atrazine	11.04	200	152800	39.154	ng		97
69) Pentachlorophenol	11.15	266	102500	63.283	ng		99
70) Phenanthrene	11.36	178	758737	38.201	ng		98
71) Anthracene	11.42	178	778973	38.638	ng		99
72) Carbazole	11.57	167	701747	37.014	ng		99
73) Di-n-butylphthalate	11.89	149	885377	36.613	ng		99
74) Fluoranthene	12.55	202	723062	35.030	ng		99
76) Benzidine	12.68	184	68044	7.949	ng		98
77) Pyrene	12.79	202	716667	48.179	ng		98
79) Butylbenzylphthalate	13.39	149	325666	44.460	ng		93
80) Benzo(a)anthracene	13.98	228	482857	38.937	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	125641	27.911	ng		100
82) Chrysene	14.02	228	450601	38.649	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	458674	44.590	ng		98
84) Di-n-octyl phthalate	14.56	149	641069	36.311	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.96	276	499411	46.661	ng		97
87) Benzo(b)fluoranthene	15.03	252	425008	35.770	ng		99
88) Benzo(k)fluoranthene	15.06	252	411612	36.738	ng		98
89) Benzo(a)pyrene	15.40	252	417267	39.095	ng	#	96
90) Dibenzo(a,h)anthracene	16.96	278	415579	43.820	ng		98
91) Benzo(g,h,i)perylene	17.40	276	435818	46.971	ng		97

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

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