Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031525.D
Acq On : 13 Dec 2017 13:27
Operator : SJ/JU
Sample : PB104960BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104960BSD

Manual Integrations APPROVED
Sohil
12/15/2017 7:47:50 PM

Quant Time: Dec 13 15:28:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52322	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	224942	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	154440	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	438353	20.00	ng		0.00
75) Chrysene-d12	21.75	240	521001	20.00	ng		0.00
86) Perylene-d12	25.03	264	522128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	327359	110.90	ng		0.00
7) Phenol-d6	7.28	99	424261	103.53	ng		0.00
23) Nitrobenzene-d5	9.28	82	353141	96.76	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	211542	116.92	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1010628	96.05	ng		0.00
78) Terphenyl-d14	20.07	244	1966220	85.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	57366	40.730	ng	#	81
3) Pyridine	3.91	79	157222	42.398	ng		85
4) n-Nitrosodimethylamine	3.83	42	72383	41.440	ng	#	84
6) Aniline	7.43	93	123487	22.882	ng		92
8) 2-Chlorophenol	7.67	128	173540	52.706	ng		88
9) Benzaldehyde	7.24	77	43658	18.380	ng		91
10) Phenol	7.31	94	220351	52.345	ng		90
11) bis(2-Chloroethyl)ether	7.52	93	154771	45.046	ng		86
12) 1,3-Dichlorobenzene	8.00	146	188546	48.153	ng		94
13) 1,4-Dichlorobenzene	8.14	146	191055	46.949	ng		91
14) 1,2-Dichlorobenzene	8.46	146	176558	45.546	ng		96
15) Benzyl Alcohol	8.35	79	141024	43.993	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	221114	57.284	ng		92
17) 2-Methylphenol	8.56	107	144580	50.384	ng		97
18) Hexachloroethane	9.19	117	64529	47.042	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	122513	37.984	ng	#	94
20) 3+4-Methylphenols	8.89	107	202585	47.391	ng		96
22) Acetophenone	8.93	105	236335	43.795	ng	#	91
24) Nitrobenzene	9.32	77	179749	48.065	ng		91
25) Isophorone	9.83	82	345432	50.085	ng	#	93
26) 2-Nitrophenol	10.03	139	101416	54.843	ng	#	84
27) 2,4-Dimethylphenol	10.09	122	166803	59.379	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	217346	48.812	ng		97
29) 2,4-Dichlorophenol	10.58	162	191086	57.736	ng		91
30) 1,2,4-Trichlorobenzene	10.78	180	206790	48.914	ng		96
31) Naphthalene	10.97	128	516751	46.762	ng		99
32) Benzoic acid	10.25	122	60962	39.963	ng		87
33) 4-Chloroaniline	11.09	127	60839	12.680	ng	#	94
34) Hexachlorobutadiene	11.25	225	129325	46.118	ng		96
35) Caprolactam	11.85	113	78600m	60.481	ng		
36) 4-Chloro-3-methylphenol	12.21	107	193453	51.208	ng	#	84
37) 2-Methylnaphthalene	12.57	142	406917	47.558	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	247963	41.081	ng		96
40) Hexachlorocyclopentadiene	12.91	237	198326	89.999	ng		89

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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	13.18	196	170467	55.278	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	185135	55.732	ng		92
45) 1,1'-Biphenyl	13.57	154	535365	42.206	ng		96
46) 2-Chloronaphthalene	13.61	162	448041	48.259	ng		96
47) 2-Nitroaniline	13.82	65	126522	48.497	ng	#	76
48) Acenaphthylene	14.45	152	681857	45.643	ng		98
49) Dimethylphthalate	14.18	163	635795	49.726	ng		99
50) 2,6-Dinitrotoluene	14.31	165	142218	52.038	ng	#	79
51) Acenaphthene	14.79	154	423982	44.885	ng		97
52) 3-Nitroaniline	14.65	138	60621	21.760	ng	#	75
53) 2,4-Dinitrophenol	14.86	184	91342	80.080	ng	#	46
54) Dibenzofuran	15.13	168	711680	47.214	ng		100
55) 4-Nitrophenol	14.97	139	217672	114.054	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	215330	55.473	ng	#	74
57) Fluorene	15.77	166	584274	48.376	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	193154	61.860	ng	#	89
59) Diethylphthalate	15.53	149	659802	51.482	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	341997	46.282	ng		90
61) 4-Nitroaniline	15.80	138	163550	55.942	ng		85
62) Azobenzene	16.05	77	496817	46.796	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	96754	37.646	ng		80
65) n-Nitrosodiphenylamine	15.97	169	567710	44.246	ng		100
66) 4-Bromophenyl-phenylether	16.66	248	234808	46.065	ng		97
67) Hexachlorobenzene	16.79	284	243979	46.352	ng		95
68) Atrazine	16.92	200	266929	56.896	ng		97
69) Pentachlorophenol	17.13	266	221797	87.120	ng		99
70) Phenanthrene	17.51	178	1080101	47.180	ng		97
71) Anthracene	17.61	178	1120107	49.471	ng		98
72) Carbazole	17.88	167	1078763	52.649	ng		100
73) Di-n-butylphthalate	18.41	149	1274412	53.859	ng		99
74) Fluoranthene	19.52	202	1488707	51.961	ng		96
76) Benzidine	19.69	184	424250	34.991	ng		98
77) Pyrene	19.88	202	1540620	47.590	ng		95
79) Butylbenzylphthalate	20.75	149	588160	51.789	ng	#	84
80) Benzo(a)anthracene	21.73	228	1497175	47.609	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	301697	27.566	ng		98
82) Chrysene	21.80	228	1426743	47.326	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	822275	50.326	ng		99
84) Di-n-octyl phthalate	22.83	149	1398079	51.874	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.82	276	1701103	52.799	ng	#	90
87) Benzo(b)fluoranthene	23.99	252	1503200	48.155	ng		98
88) Benzo(k)fluoranthene	24.06	252	1482741	46.546	ng		98
89) Benzo(a)pyrene	24.88	252	1465156	49.479	ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1406754	49.679	ng		98
91) Benzo(g,h,i)perylene	29.99	276	1405891	50.500	ng		97

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

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