Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033825.D
Acq On : 16 Apr 2018 20:37
Operator : SJ/JU
Sample : PB108262BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Manual Integrations APPROVED
Sohil
4/17/2018 5:20:50 PM

Quant Time: Apr 17 11:47:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29822	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	131919	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	107328	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	294018	20.00	ng		0.00
75) Chrysene-d12	22.55	240	312755	20.00	ng		0.00
86) Perylene-d12	26.32	264	339741	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	161516	101.56	ng		-0.01
7) Phenol-d6	7.99	99	272894	99.86	ng		0.00
23) Nitrobenzene-d5	10.06	82	281510	98.04	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	158770	98.91	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	730262	98.23	ng		0.00
78) Terphenyl-d14	20.72	244	1458386	99.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	33931	42.011	ng	#	88
3) Pyridine	4.38	79	75732	33.920	ng		99
4) n-Nitrosodimethylamine	4.31	42	31846	34.757	ng	#	76
6) Aniline	8.16	93	82676	25.727	ng	#	80
8) 2-Chlorophenol	8.41	128	105803	58.192	ng		91
9) Benzaldehyde	8.02	77	28281m	16.285	ng		
10) Phenol	8.01	94	131304	48.668	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	106872	48.530	ng		87
12) 1,3-Dichlorobenzene	8.74	146	114297m	48.083	ng		
13) 1,4-Dichlorobenzene	8.89	146	116220	48.820	ng		94
14) 1,2-Dichlorobenzene	9.22	146	113208	48.724	ng		99
15) Benzyl Alcohol	9.10	79	78589	36.528	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.36	45	208886	58.186	ng		73
17) 2-Methylphenol	9.31	107	81336	44.254	ng	#	86
18) Hexachloroethane	9.96	117	49004	53.335	ng		95
19) n-Nitroso-di-n-propylamine	9.65	70	101123	50.501	ng		92
20) 3+4-Methylphenols	9.64	107	116546	44.537	ng		92
22) Acetophenone	9.70	105	167976	46.478	ng	#	91
24) Nitrobenzene	10.10	77	143104	46.563	ng	#	90
25) Isophorone	10.60	82	267415	47.986	ng		99
26) 2-Nitrophenol	10.83	139	59438	51.083	ng	#	79
27) 2,4-Dimethylphenol	10.86	122	85334	50.485	ng		96
28) bis(2-Chloroethoxy)methane	11.10	93	137627	49.497	ng		96
29) 2,4-Dichlorophenol	11.39	162	97618	46.961	ng		93
30) 1,2,4-Trichlorobenzene	11.59	180	130604	48.358	ng		99
31) Naphthalene	11.78	128	336910	49.284	ng		97
32) Benzoic acid	11.04	122	50731m	32.286	ng		
33) 4-Chloroaniline	11.91	127	31687m	10.346	ng		
34) Hexachlorobutadiene	12.04	225	99269	48.605	ng		99
35) Caprolactam	12.64	113	42332	51.981	ng		99
36) 4-Chloro-3-methylphenol	12.97	107	143006	52.746	ng		90
37) 2-Methylnaphthalene	13.34	142	242387	45.682	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	171207	44.038	ng		99
40) Hexachlorocyclopentadiene	13.65	237	187497	82.269	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	108620	48.088	ng		95
43) 2,4,5-Trichlorophenol	14.01	196	130472	48.868	ng		96
45) 1,1'-Biphenyl	14.31	154	390636	47.374	ng		97
46) 2-Chloronaphthalene	14.37	162	299348	47.083	ng		94
47) 2-Nitroaniline	14.58	65	120191	50.471	ng		97
48) Acenaphthylene	15.20	152	499570	47.074	ng		98
49) Dimethylphthalate	14.89	163	440912	47.205	ng		99
50) 2,6-Dinitrotoluene	15.03	165	97243	50.916	ng		98
51) Acenaphthene	15.53	154	281474	41.144	ng		97
52) 3-Nitroaniline	15.40	138	47095	23.520	ng	#	97
53) 2,4-Dinitrophenol	15.58	184	75028	76.255	ng	#	85
54) Dibenzofuran	15.87	168	497426	49.224	ng	#	90
55) 4-Nitrophenol	15.69	139	133453	94.784	ng	#	78
56) 2,4-Dinitrotoluene	15.82	165	141967	50.485	ng		97
57) Fluorene	16.51	166	402410	46.743	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137580	54.737	ng	#	98
59) Diethylphthalate	16.23	149	459676	50.682	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	242086	48.917	ng		96
61) 4-Nitroaniline	16.56	138	69332	34.193	ng		87
62) Azobenzene	16.77	77	464282	52.844	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	84924	48.283	ng		94
65) n-Nitrosodiphenylamine	16.70	169	408542	48.672	ng		91
66) 4-Bromophenyl-phenylether	17.37	248	162242	46.986	ng	#	91
67) Hexachlorobenzene	17.50	284	167199	45.881	ng		96
68) Atrazine	17.61	200	181350	53.317	ng		94
69) Pentachlorophenol	17.84	266	205268	82.069	ng		97
70) Phenanthrene	18.24	178	687492	44.898	ng		99
71) Anthracene	18.34	178	705104	45.478	ng		98
72) Carbazole	18.60	167	701989	51.095	ng		97
73) Di-n-butylphthalate	19.08	149	840414	52.554	ng	#	98
74) Fluoranthene	20.20	202	914109	48.241	ng		97
76) Benzidine	20.37	184	301072	35.498	ng		98
77) Pyrene	20.56	202	944484	45.279	ng		98
79) Butylbenzylphthalate	21.41	149	381548	49.568	ng		98
80) Benzo(a)anthracene	22.53	228	889360	44.658	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	177507	25.048	ng	#	97
82) Chrysene	22.61	228	873202	45.296	ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	529734	49.923	ng		99
84) Di-n-octyl phthalate	23.74	149	902048	55.522	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1002352	48.091	ng	#	88
87) Benzo(b)fluoranthene	25.10	252	862413	43.937	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	872346	43.943	ng	#	98
89) Benzo(a)pyrene	26.14	252	863057	45.786	ng		98
90) Dibenzo(a,h)anthracene	30.77	278	833171	46.924	ng	#	95
91) Benzo(g,h,i)perylene	32.07	276	826481	47.006	ng	#	93

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

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