Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032509.D
Acq On : 2 Feb 2018 13:14
Operator : SJ/JU
Sample : J1430-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MS

Manual Integrations APPROVED
Sohil
2/5/2018 11:15:00 AM

Quant Time: Feb 02 22:11:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29998	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	117871	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	83437	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	214001	20.00	ng		0.00
75) Chrysene-d12	22.41	240	277723	20.00	ng		0.00
86) Perylene-d12	26.08	264	306411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	148541	99.46	ng		0.00
7) Phenol-d6	7.84	99	198227	99.46	ng		0.00
23) Nitrobenzene-d5	9.91	82	122433	64.88	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	157781	99.34	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	422901	60.24	ng		-0.01
78) Terphenyl-d14	20.62	244	810230	62.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	13751	27.365	ng	#	77
3) Pyridine	4.27	79	37899	27.932	ng	#	80
4) n-Nitrosodimethylamine	4.18	42	24663	34.918	ng	#	66
6) Aniline	8.01	93	52494	21.126	ng		95
8) 2-Chlorophenol	8.27	128	63546	35.995	ng	#	80
9) Benzaldehyde	7.82	77	17054	16.568	ng	#	82
10) Phenol	7.86	94	71369	37.709	ng		81
11) bis(2-Chloroethyl)ether	8.10	93	43947	30.475	ng	#	79
12) 1,3-Dichlorobenzene	8.60	146	75063	31.440	ng		97
13) 1,4-Dichlorobenzene	8.75	146	77425	32.355	ng		97
14) 1,2-Dichlorobenzene	9.08	146	73386	31.306	ng		96
15) Benzyl Alcohol	8.95	79	51002	31.051	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.24	45	41983	30.723	ng		53
17) 2-Methylphenol	9.16	107	47569	30.946	ng	#	91
18) Hexachloroethane	9.83	117	25189	31.352	ng	#	80
19) n-Nitroso-di-n-propylamine	9.52	70	38965	29.487	ng	#	92
20) 3+4-Methylphenols	9.49	107	63953	29.661	ng		93
22) Acetophenone	9.55	105	86576	31.334	ng	#	93
24) Nitrobenzene	9.96	77	62433	34.213	ng	#	88
25) Isophorone	10.48	82	111574	34.723	ng	#	83
26) 2-Nitrophenol	10.68	139	37028	33.567	ng	#	81
27) 2,4-Dimethylphenol	10.72	122	58137	36.719	ng		96
28) bis(2-Chloroethoxy)methane	10.96	93	64304	36.494	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	79150	37.737	ng		89
30) 1,2,4-Trichlorobenzene	11.45	180	88922	31.809	ng		94
31) Naphthalene	11.65	128	193657	33.639	ng		99
32) Benzoic acid	10.79	122	7167m	12.431	ng		
33) 4-Chloroaniline	11.75	127	57838	22.525	ng		94
34) Hexachlorobutadiene	11.90	225	69179	31.807	ng		98
35) Caprolactam	12.49	113	19548	32.466	ng	#	49
36) 4-Chloro-3-methylphenol	12.82	107	69708	35.038	ng		94
37) 2-Methylnaphthalene	13.21	142	163228	33.749	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	126455	32.396	ng	#	96
40) Hexachlorocyclopentadiene	13.53	237	165653	67.921	ng		90

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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	13.80	196	74145	34.921 ng		96
43) 2,4,5-Trichlorophenol	13.87	196	76274	30.816 ng		88
45) 1,1'-Biphenyl	14.18	154	231548	32.847 ng		94
46) 2-Chloronaphthalene	14.24	162	180023	32.583 ng		97
47) 2-Nitroaniline	14.43	65	40070	32.796 ng	#	84
48) Acenaphthylene	15.08	152	267982	32.084 ng		99
49) Dimethylphthalate	14.78	163	280388	36.446 ng		98
50) 2,6-Dinitrotoluene	14.91	165	50292	31.146 ng	#	79
51) Acenaphthene	15.41	154	194814	33.631 ng		97
52) 3-Nitroaniline	15.25	138	37011	26.241 ng	#	71
53) 2,4-Dinitrophenol	15.44	184	43838	45.366 ng	#	60
54) Dibenzofuran	15.74	168	292508	34.117 ng		96
55) 4-Nitrophenol	15.54	139	69509	65.829 ng	#	75
56) 2,4-Dinitrotoluene	15.69	165	76137	33.117 ng	#	72
57) Fluorene	16.38	166	230792	32.394 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	88346	36.190 ng	#	85
59) Diethylphthalate	16.12	149	233281	31.134 ng		96
60) 4-Chlorophenyl-phenylether	16.36	204	146516	32.613 ng		93
61) 4-Nitroaniline	16.40	138	47094	31.153 ng	#	79
62) Azobenzene	16.65	77	148309	33.121 ng		82
64) 4,6-Dinitro-2-methylphenol	16.44	198	45650	28.554 ng		71
65) n-Nitrosodiphenylamine	16.57	169	212273	33.238 ng		97
66) 4-Bromophenyl-phenylether	17.25	248	107087	33.777 ng		97
67) Hexachlorobenzene	17.38	284	112143	31.963 ng	#	90
68) Atrazine	17.50	200	100312	36.589 ng		92
69) Pentachlorophenol	17.72	266	133563	60.769 ng		97
70) Phenanthrene	18.12	178	390600	32.729 ng		99
71) Anthracene	18.21	178	403489	33.955 ng		98
72) Carbazole	18.47	167	347616	33.109 ng		98
73) Di-n-butylphthalate	18.98	149	385195	33.137 ng		99
74) Fluoranthene	20.08	202	523956	33.478 ng		95
76) Benzidine	20.25	184	190458	34.925 ng		98
77) Pyrene	20.44	202	529030	31.057 ng		98
79) Butylbenzylphthalate	21.30	149	180071	33.515 ng	#	76
80) Benzo(a)anthracene	22.39	228	565548	32.848 ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	151480	22.708 ng	#	96
82) Chrysene	22.46	228	525646	31.613 ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	252751	33.177 ng	#	96
84) Di-n-octyl phthalate	23.59	149	443097	36.670 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	718527	34.160 ng	#	84
87) Benzo(b)fluoranthene	24.91	252	603788	32.612 ng	#	96
88) Benzo(k)fluoranthene	24.98	252	591537	32.253 ng	#	96
89) Benzo(a)pyrene	25.91	252	586846	33.248 ng	#	94
90) Dibenzo(a,h)anthracene	30.41	278	603548	33.427 ng	#	93
91) Benzo(g,h,i)perylene	31.67	276	593060	33.091 ng	#	90

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

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