Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032510.D
Acq On : 2 Feb 2018 13:52
Operator : SJ/JU
Sample : J1430-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
2/5/2018 11:15:03 AM

Quant Time: Feb 05 10:02:41 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	26790	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	107998	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	76789	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	201767	20.00	ng		0.00
75) Chrysene-d12	22.41	240	254881	20.00	ng		0.00
86) Perylene-d12	26.09	264	278600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	150331	112.71	ng		0.00
7) Phenol-d6	7.83	99	191065	107.35	ng		0.00
23) Nitrobenzene-d5	9.91	82	124378	71.93	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	161093	110.21	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	416367	64.45	ng		-0.01
78) Terphenyl-d14	20.62	244	818986	68.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	13931	31.043	ng	#	78
3) Pyridine	4.26	79	38185	31.513	ng		90
4) n-Nitrosodimethylamine	4.17	42	24235	38.421	ng	#	62
6) Aniline	8.01	93	52555	23.683	ng		89
8) 2-Chlorophenol	8.27	128	62901	39.896	ng	#	80
9) Benzaldehyde	7.81	77	18125	19.717	ng		94
10) Phenol	7.86	94	73675	43.589	ng		87
11) bis(2-Chloroethyl)ether	8.10	93	44097	34.241	ng		86
12) 1,3-Dichlorobenzene	8.60	146	74080	34.744	ng		93
13) 1,4-Dichlorobenzene	8.75	146	74359	34.795	ng		91
14) 1,2-Dichlorobenzene	9.08	146	73497	35.108	ng		99
15) Benzyl Alcohol	8.95	79	49971	34.066	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.24	45	41048	33.636	ng		62
17) 2-Methylphenol	9.15	107	47776	34.803	ng	#	89
18) Hexachloroethane	9.83	117	24839	34.619	ng	#	70
19) n-Nitroso-di-n-propylamine	9.52	70	37206	31.528	ng	#	94
20) 3+4-Methylphenols	9.49	107	65625	34.081	ng		94
22) Acetophenone	9.55	105	89923	35.520	ng	#	96
24) Nitrobenzene	9.95	77	61025	36.499	ng	#	88
25) Isophorone	10.48	82	105937	35.982	ng	#	82
26) 2-Nitrophenol	10.68	139	39295	38.879	ng	#	77
27) 2,4-Dimethylphenol	10.72	122	57990	39.975	ng		92
28) bis(2-Chloroethoxy)methane	10.96	93	60517	37.485	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	76003	39.549	ng		90
30) 1,2,4-Trichlorobenzene	11.44	180	88566	34.578	ng		99
31) Naphthalene	11.64	128	189066	35.844	ng		99
32) Benzoic acid	10.80	122	15336m	19.304	ng		
33) 4-Chloroaniline	11.74	127	58597	24.907	ng	#	91
34) Hexachlorobutadiene	11.91	225	68196	34.221	ng		97
35) Caprolactam	12.49	113	21135	38.310	ng	#	37
36) 4-Chloro-3-methylphenol	12.82	107	71741	39.356	ng	#	92
37) 2-Methylnaphthalene	13.21	142	157146	35.462	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	124313	34.604	ng		97
40) Hexachlorocyclopentadiene	13.54	237	160594	71.548	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	71635	36.660	ng		97
43) 2,4,5-Trichlorophenol	13.87	196	83184	36.518	ng	#	90
45) 1,1'-Biphenyl	14.18	154	229184	35.327	ng		95
46) 2-Chloronaphthalene	14.24	162	177144	34.838	ng		96
47) 2-Nitroaniline	14.43	65	41545	36.947	ng	#	76
48) Acenaphthylene	15.08	152	261905	34.071	ng		98
49) Dimethylphthalate	14.78	163	279668	39.499	ng		99
50) 2,6-Dinitrotoluene	14.91	165	52080	35.045	ng	#	76
51) Acenaphthene	15.41	154	203180	38.112	ng		97
52) 3-Nitroaniline	15.25	138	36201	27.889	ng	#	78
53) 2,4-Dinitrophenol	15.45	184	54003	59.334	ng	#	62
54) Dibenzofuran	15.74	168	282152	35.758	ng		96
55) 4-Nitrophenol	15.54	139	75205	77.390	ng	#	81
56) 2,4-Dinitrotoluene	15.69	165	80551	38.070	ng	#	71
57) Fluorene	16.39	166	233938	35.679	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	90063	40.088	ng	#	85
59) Diethylphthalate	16.12	149	235266	34.117	ng		99
60) 4-Chlorophenyl-phenylether	16.36	204	146230	35.367	ng		95
61) 4-Nitroaniline	16.40	138	46654	33.534	ng	#	71
62) Azobenzene	16.66	77	152081	36.904	ng	#	80
64) 4,6-Dinitro-2-methylphenol	16.44	198	47660	31.619	ng	#	70
65) n-Nitrosodiphenylamine	16.57	169	216617	35.974	ng		98
66) 4-Bromophenyl-phenylether	17.26	248	108394	36.262	ng		96
67) Hexachlorobenzene	17.38	284	115447	34.900	ng	#	92
68) Atrazine	17.50	200	103516	40.047	ng		95
69) Pentachlorophenol	17.72	266	137156	66.188	ng		98
70) Phenanthrene	18.13	178	406538	36.130	ng		99
71) Anthracene	18.21	178	413781	36.933	ng		98
72) Carbazole	18.48	167	358977	36.264	ng		98
73) Di-n-butylphthalate	18.98	149	404388	36.897	ng		99
74) Fluoranthene	20.09	202	537131	36.401	ng		95
76) Benzidine	20.25	184	203579	40.676	ng		99
77) Pyrene	20.45	202	546949	34.987	ng		98
79) Butylbenzylphthalate	21.30	149	185097	37.538	ng	#	80
80) Benzo(a)anthracene	22.38	228	584690	37.003	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	154960	25.312	ng	#	98
82) Chrysene	22.46	228	541219	35.467	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	260413	37.246	ng	#	98
84) Di-n-octyl phthalate	23.59	149	453779	40.919	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	735654	38.108	ng	#	83
87) Benzo(b)fluoranthene	24.90	252	617775	36.699	ng	#	95
88) Benzo(k)fluoranthene	24.98	252	610963	36.638	ng	#	96
89) Benzo(a)pyrene	25.91	252	604020	37.637	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	610726	37.201	ng	#	93
91) Benzo(g,h,i)perylene	31.68	276	608580	37.347	ng	#	92

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

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