Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031264.D
Acq On : 28 Nov 2017 22:59
Operator : SJ/JU
Sample : I6592-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MS

Manual Integrations APPROVED
Sohil
11/29/2017 4:30:09 PM

Quant Time: Nov 29 07:39:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48116	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	218904	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	162993	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	442214	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	491915	20.00	ng		-0.02
86) Perylene-d12	25.07	264	499581	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	409943	146.10	ng		-0.02
7) Phenol-d6	7.30	99	546199	144.49	ng		0.00
23) Nitrobenzene-d5	9.30	82	311857	84.42	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	304356	115.43	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	941204	82.97	ng		-0.02
78) Terphenyl-d14	20.09	244	1837490	82.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	44777	39.323	ng	#	81
3) Pyridine	3.94	79	123529	37.367	ng		88
4) n-Nitrosodimethylamine	3.86	42	59453	37.947	ng	#	84
6) Aniline	7.45	93	126152	25.357	ng		93
8) 2-Chlorophenol	7.69	128	151064	48.784	ng		87
9) Benzaldehyde	7.26	77	76535	28.932	ng		89
10) Phenol	7.32	94	215370	54.860	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	133982	42.743	ng		88
12) 1,3-Dichlorobenzene	8.02	146	155871	42.903	ng		96
13) 1,4-Dichlorobenzene	8.16	146	156418	42.487	ng		96
14) 1,2-Dichlorobenzene	8.49	146	151128	42.769	ng		95
15) Benzyl Alcohol	8.37	79	127001	41.883	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	196541	56.765	ng		90
17) 2-Methylphenol	8.58	107	132999	48.650	ng		98
18) Hexachloroethane	9.22	117	53271	41.574	ng		87
19) n-Nitroso-di-n-propylamine	8.93	70	111729	38.872	ng	#	93
20) 3+4-Methylphenols	8.91	107	184372	47.429	ng		96
22) Acetophenone	8.95	105	214133	39.287	ng	#	93
24) Nitrobenzene	9.34	77	163592	43.352	ng	#	88
25) Isophorone	9.86	82	328034	45.531	ng	#	92
26) 2-Nitrophenol	10.06	139	91120	46.325	ng	#	88
27) 2,4-Dimethylphenol	10.11	122	151862	52.005	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	199034	43.863	ng		97
29) 2,4-Dichlorophenol	10.60	162	178290	50.844	ng		89
30) 1,2,4-Trichlorobenzene	10.81	180	181550	43.366	ng		99
31) Naphthalene	11.00	128	464025	43.120	ng		98
32) Benzoic acid	10.23	122	20102	12.952	ng	#	82
33) 4-Chloroaniline	11.11	127	89436	18.985	ng	#	92
34) Hexachlorobutadiene	11.27	225	114566	39.459	ng		99
35) Caprolactam	11.87	113	73062m	51.005	ng		
36) 4-Chloro-3-methylphenol	12.23	107	189101	49.548	ng		88
37) 2-Methylnaphthalene	12.59	142	380355	45.786	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	228641	35.344	ng		97
40) Hexachlorocyclopentadiene	12.93	237	167861	71.470	ng		91

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Quant Time: Nov 29 07:39:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.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	13.20	196	164432	44.463	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	183369	45.318	ng	#	95
45) 1,1'-Biphenyl	13.59	154	505628	37.410	ng		96
46) 2-Chloronaphthalene	13.63	162	427311	43.819	ng		96
47) 2-Nitroaniline	13.84	65	124183	42.964	ng	#	77
48) Acenaphthylene	14.48	152	668592	41.889	ng		99
49) Dimethylphthalate	14.20	163	711563	50.491	ng		99
50) 2,6-Dinitrotoluene	14.33	165	139040	47.866	ng	#	73
51) Acenaphthene	14.81	154	411058	41.237	ng		98
52) 3-Nitroaniline	14.66	138	73343	23.779	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	87416	56.556	ng	#	49
54) Dibenzofuran	15.15	168	698034	43.964	ng		99
55) 4-Nitrophenol	14.99	139	213723	97.275	ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	204400	48.674	ng	#	71
57) Fluorene	15.80	166	561122	43.530	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	187275	48.562	ng	#	89
59) Diethylphthalate	15.56	149	630797	44.064	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	336084	43.170	ng		92
61) 4-Nitroaniline	15.83	138	152547	46.707	ng		86
62) Azobenzene	16.07	77	482138	44.162	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	114408	38.923	ng		75
65) n-Nitrosodiphenylamine	16.00	169	541364	40.400	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	224408	40.067	ng		96
67) Hexachlorobenzene	16.81	284	228206	38.347	ng		95
68) Atrazine	16.94	200	240071	43.422	ng		98
69) Pentachlorophenol	17.15	266	237830	72.297	ng		100
70) Phenanthrene	17.54	178	1000097	43.436	ng		99
71) Anthracene	17.63	178	1028981	44.601	ng		99
72) Carbazole	17.90	167	965483	44.663	ng		99
73) Di-n-butylphthalate	18.43	149	1134240	42.733	ng		99
74) Fluoranthene	19.54	202	1308505	44.885	ng		97
76) Benzidine	19.71	184	492345	31.158	ng		98
77) Pyrene	19.90	202	1322315	45.300	ng		97
79) Butylbenzylphthalate	20.76	149	523100	44.945	ng		85
80) Benzo(a)anthracene	21.75	228	1320518	43.217	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	259664	21.052	ng		97
82) Chrysene	21.82	228	1244364	44.025	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	742504	44.196	ng		99
84) Di-n-octyl phthalate	22.85	149	1261346	46.128	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1462054	42.549	ng	#	89
87) Benzo(b)fluoranthene	24.02	252	1326937	43.910	ng		98
88) Benzo(k)fluoranthene	24.09	252	1281608	42.786	ng		98
89) Benzo(a)pyrene	24.91	252	1295914	45.141	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1235478	42.105	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1211684	42.546	ng		98

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

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