Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029374.D
Acq On : 20 Oct 2017 16:08
Operator : SJ/JU
Sample : I5922-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-115-7(0-5)MS

Manual Integrations APPROVED
Sohil
10/23/2017 3:40:43 PM

Quant Time: Oct 20 18:43:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55057	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	256418	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	176224	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	458884	20.00	ng		0.00
75) Chrysene-d12	21.80	240	492378	20.00	ng		0.00
86) Perylene-d12	25.10	264	515261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	438591	133.08	ng		0.00
7) Phenol-d6	7.32	99	595102	128.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	341196	84.56	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	333758	146.69	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	912811	75.97	ng		0.00
78) Terphenyl-d14	20.11	244	1572360	72.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	44033	32.929	ng		87
3) Pyridine	3.98	79	126118	32.387	ng		93
4) n-Nitrosodimethylamine	3.89	42	65279	35.863	ng	#	92
6) Aniline	7.48	93	138457	24.170	ng		95
8) 2-Chlorophenol	7.73	128	141164	37.368	ng		93
9) Benzaldehyde	7.30	77	39334	16.905	ng		94
10) Phenol	7.35	94	218153	43.741	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	131600	36.217	ng		90
12) 1,3-Dichlorobenzene	8.05	146	146060	34.438	ng		98
13) 1,4-Dichlorobenzene	8.20	146	152012	35.105	ng		94
14) 1,2-Dichlorobenzene	8.52	146	143101	34.262	ng		96
15) Benzyl Alcohol	8.40	79	133774	41.034	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	224387	36.362	ng		93
17) 2-Methylphenol	8.61	107	129765	39.168	ng		97
18) Hexachloroethane	9.26	117	52311	35.449	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	114348	36.353	ng	#	95
20) 3+4-Methylphenols	8.93	107	184917	39.612	ng		97
22) Acetophenone	8.99	105	214316	34.682	ng	#	95
24) Nitrobenzene	9.38	77	159014	35.049	ng		92
25) Isophorone	9.90	82	321386	38.153	ng	#	94
26) 2-Nitrophenol	10.09	139	82620	38.102	ng		93
27) 2,4-Dimethylphenol	10.14	122	152871	38.966	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	195545	37.857	ng		98
29) 2,4-Dichlorophenol	10.63	162	163091	38.983	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	161192	35.664	ng		92
31) Naphthalene	11.04	128	450202	35.229	ng		99
32) Benzoic acid	10.26	122	101110	30.780	ng	#	83
33) 4-Chloroaniline	11.14	127	113564	21.126	ng		95
34) Hexachlorobutadiene	11.32	225	98380	35.009	ng		97
35) Caprolactam	11.90	113	66058m	47.510	ng		
36) 4-Chloro-3-methylphenol	12.25	107	182157	39.588	ng		89
37) 2-Methylnaphthalene	12.62	142	358800	38.523	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	193647	30.098	ng		98
40) Hexachlorocyclopentadiene	12.97	237	244884	99.280	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	145436	36.008	ng		100
43) 2,4,5-Trichlorophenol	13.30	196	163095	39.320	ng		95
45) 1,1'-Biphenyl	13.62	154	492022	32.483	ng		98
46) 2-Chloronaphthalene	13.67	162	373716	33.825	ng		97
47) 2-Nitroaniline	13.86	65	125846	41.469	ng	#	86
48) Acenaphthylene	14.51	152	614402	35.532	ng		99
49) Dimethylphthalate	14.23	163	550990	40.073	ng		100
50) 2,6-Dinitrotoluene	14.35	165	117073	40.618	ng	#	82
51) Acenaphthene	14.85	154	383376	34.077	ng		98
52) 3-Nitroaniline	14.68	138	89893	28.902	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	110831	70.671	ng	#	54
54) Dibenzofuran	15.18	168	629568	39.199	ng		99
55) 4-Nitrophenol	14.99	139	220786	86.105	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	168502	43.186	ng	#	78
57) Fluorene	15.83	166	498272	37.555	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	161339	46.621	ng		96
59) Diethylphthalate	15.59	149	544847	39.762	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	273530	38.667	ng		95
61) 4-Nitroaniline	15.84	138	136813	42.839	ng		87
62) Azobenzene	16.11	77	473887	41.011	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	91424	36.385	ng		84
65) n-Nitrosodiphenylamine	16.03	169	468107	34.053	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	184298	35.000	ng		99
67) Hexachlorobenzene	16.83	284	200323	33.586	ng		95
68) Atrazine	16.97	200	194031	39.559	ng		99
69) Pentachlorophenol	17.17	266	258130	75.337	ng		98
70) Phenanthrene	17.57	178	866380	36.547	ng		97
71) Anthracene	17.65	178	878549	36.908	ng		99
72) Carbazole	17.92	167	834702	36.503	ng		99
73) Di-n-butylphthalate	18.46	149	975112	37.078	ng		99
74) Fluoranthene	19.56	202	1084986	39.131	ng		97
76) Benzidine	19.73	184	426060	28.659	ng		98
77) Pyrene	19.92	202	1093401	36.607	ng		98
79) Butylbenzylphthalate	20.79	149	462632	36.355	ng		92
80) Benzo(a)anthracene	21.77	228	1085011	37.532	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	276591	23.180	ng		98
82) Chrysene	21.84	228	1016646	36.722	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	646829	35.418	ng		99
84) Di-n-octyl phthalate	22.91	149	1107226	34.787	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1309689	38.452	ng		98
87) Benzo(b)fluoranthene	24.05	252	1135666	38.498	ng		99
88) Benzo(k)fluoranthene	24.12	252	1073101	36.514	ng		99
89) Benzo(a)pyrene	24.95	252	1079744	38.074	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1093387	38.083	ng		96
91) Benzo(g,h,i)perylene	30.07	276	1088405	40.801	ng		96

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

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