Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036038.D
Acq On : 1 Aug 2018 17:54
Operator : JU/SJ
Sample : J4257-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-AMS

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:49 AM

Quant Time: Aug 01 19:01:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35228	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	138199	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	104307	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	282679	20.00	ng		0.00
75) Chrysene-d12	21.66	240	309914	20.00	ng		0.00
86) Perylene-d12	24.85	264	302798	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	287051	135.28	ng		0.00
7) Phenol-d6	7.19	99	427656	135.09	ng		0.00
23) Nitrobenzene-d5	9.19	82	278705	84.25	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	202219	147.09	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	610459	78.41	ng		0.00
78) Terphenyl-d14	19.99	244	1183064	84.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	31611	29.271	ng	#	74
3) Pyridine	3.91	79	55900	19.827	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	40930	33.811	ng	#	77
6) Aniline	7.35	93	137635	33.542	ng		99
8) 2-Chlorophenol	7.59	128	93174	43.175	ng		98
9) Benzaldehyde	7.16	77	61546	31.684	ng		93
10) Phenol	7.22	94	142519	44.559	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	92782	37.042	ng		86
12) 1,3-Dichlorobenzene	7.91	146	99554	38.201	ng		92
13) 1,4-Dichlorobenzene	8.06	146	104946	39.634	ng		96
14) 1,2-Dichlorobenzene	8.38	146	101881	40.052	ng		97
15) Benzyl Alcohol	8.26	79	110840	38.555	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	104485	49.755	ng		69
17) 2-Methylphenol	8.47	107	93156	42.838	ng		92
18) Hexachloroethane	9.10	117	39761	39.273	ng		88
19) n-Nitroso-di-n-propylamine	8.82	70	90110	33.801	ng	#	85
20) 3+4-Methylphenols	8.79	107	130707	43.327	ng		93
22) Acetophenone	8.85	105	166320	38.701	ng	#	90
24) Nitrobenzene	9.23	77	134601	40.457	ng	#	93
25) Isophorone	9.74	82	260270	42.381	ng		98
26) 2-Nitrophenol	9.94	139	56825	48.092	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	98156	49.075	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	135822	40.137	ng		98
29) 2,4-Dichlorophenol	10.48	162	110913	48.579	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	118210	42.223	ng		98
31) Naphthalene	10.87	128	295035	40.983	ng		96
32) Benzoic acid	10.16	122	23600	17.527	ng	#	88
33) 4-Chloroaniline	10.98	127	97389	31.039	ng		96
34) Hexachlorobutadiene	11.15	225	90166	41.301	ng		98
35) Caprolactam	11.76	113	39880m	40.703	ng		
36) 4-Chloro-3-methylphenol	12.11	107	138734	45.332	ng		95
37) 2-Methylnaphthalene	12.48	142	234902	43.798	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	162614	41.305	ng		99
40) Hexachlorocyclopentadiene	12.82	237	187167	90.652	ng		89

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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	13.08	196	103532	44.969	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	114972	44.639	ng		93
45) 1,1'-Biphenyl	13.48	154	321907	39.806	ng		99
46) 2-Chloronaphthalene	13.52	162	255514	40.620	ng		99
47) 2-Nitroaniline	13.73	65	92266	41.490	ng		91
48) Acenaphthylene	14.37	152	433848	41.174	ng		98
49) Dimethylphthalate	14.10	163	506083	55.377	ng		99
50) 2,6-Dinitrotoluene	14.22	165	86330	46.389	ng		89
51) Acenaphthene	14.71	154	253441	38.612	ng		98
52) 3-Nitroaniline	14.55	138	66794	35.116	ng	#	95
53) 2,4-Dinitrophenol	14.76	184	85184	88.270	ng	#	66
54) Dibenzofuran	15.04	168	428059	41.006	ng		94
55) 4-Nitrophenol	14.87	139	114477	84.510	ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	126291	47.302	ng	#	87
57) Fluorene	15.69	166	358690	40.996	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	117011	47.383	ng		92
59) Diethylphthalate	15.46	149	374055	39.805	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	205824	40.025	ng		97
61) 4-Nitroaniline	15.72	138	83829	42.132	ng	#	79
62) Azobenzene	15.98	77	368265	39.730	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	78921	50.154	ng		80
65) n-Nitrosodiphenylamine	15.90	169	320747	39.864	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	138826	42.331	ng		96
67) Hexachlorobenzene	16.70	284	144790	42.871	ng		94
68) Atrazine	16.85	200	148776	44.909	ng		96
69) Pentachlorophenol	17.05	266	141171	68.626	ng		97
70) Phenanthrene	17.43	178	575096	40.772	ng		97
71) Anthracene	17.52	178	595103	42.371	ng		97
72) Carbazole	17.80	167	548726	41.139	ng		99
73) Di-n-butylphthalate	18.34	149	619666	39.314	ng	#	98
74) Fluoranthene	19.44	202	769509	40.502	ng		96
76) Benzidine	19.62	184	118860	14.588	ng		97
77) Pyrene	19.80	202	763604	38.967	ng		96
79) Butylbenzylphthalate	20.68	149	291266	41.564	ng		94
80) Benzo(a)anthracene	21.63	228	787633	40.782	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	234566	34.833	ng		99
82) Chrysene	21.70	228	738487	41.263	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	408030	42.829	ng		99
84) Di-n-octyl phthalate	22.73	149	685334	42.963	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	840497	42.419	ng	#	79
87) Benzo(b)fluoranthene	23.84	252	743005	40.372	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	732686	40.722	ng	#	98
89) Benzo(a)pyrene	24.70	252	728107	42.526	ng	#	97
90) Dibenzo(a,h)anthracene	28.54	278	696488	41.435	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	698714	42.479	ng	#	94

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

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