Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036029.D
Acq On : 1 Aug 2018 12:02
Operator : JU/SJ
Sample : PB111523BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111523BS

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:39 AM

Quant Time: Aug 01 14:46:01 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	30087	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	120245	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	88274	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	237435	20.00	ng		0.00
75) Chrysene-d12	21.65	240	252069	20.00	ng		0.00
86) Perylene-d12	24.84	264	246824	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	252076	139.10	ng		0.00
7) Phenol-d6	7.19	99	367823	136.04	ng		0.00
23) Nitrobenzene-d5	9.19	82	233769	81.21	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	168866	145.14	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	571831	86.79	ng		0.00
78) Terphenyl-d14	19.99	244	1051928	91.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	34281	37.167	ng	#	73
3) Pyridine	3.91	79	92410	38.378	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	36244	35.056	ng	#	75
6) Aniline	7.35	93	110986	31.669	ng		93
8) 2-Chlorophenol	7.59	128	84000	45.575	ng		95
9) Benzaldehyde	7.16	77	50307	30.324	ng		95
10) Phenol	7.22	94	123339	45.152	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	85587	40.008	ng		88
12) 1,3-Dichlorobenzene	7.91	146	95784m	43.035	ng		
13) 1,4-Dichlorobenzene	8.06	146	96636	42.732	ng		99
14) 1,2-Dichlorobenzene	8.37	146	90954	41.866	ng		96
15) Benzyl Alcohol	8.26	79	95755	38.999	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	90499	50.459	ng		69
17) 2-Methylphenol	8.47	107	82080	44.195	ng	#	92
18) Hexachloroethane	9.10	117	35576	41.144	ng		90
19) n-Nitroso-di-n-propylamine	8.82	70	78981	34.689	ng	#	85
20) 3+4-Methylphenols	8.79	107	113016	43.864	ng		89
22) Acetophenone	8.84	105	146314	39.129	ng	#	90
24) Nitrobenzene	9.23	77	116898	40.382	ng		97
25) Isophorone	9.74	82	226000	42.296	ng		99
26) 2-Nitrophenol	9.94	139	48272m	46.953	ng		
27) 2,4-Dimethylphenol	10.00	122	89296	51.311	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	119154	40.469	ng		98
29) 2,4-Dichlorophenol	10.48	162	98387	49.527	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	106124	43.566	ng		97
31) Naphthalene	10.87	128	258157	41.215	ng		99
32) Benzoic acid	10.17	122	19998	17.070	ng	#	89
33) 4-Chloroaniline	10.99	127	69973	25.631	ng	#	93
34) Hexachlorobutadiene	11.15	225	83301	43.854	ng		98
35) Caprolactam	11.77	113	31997m	37.533	ng		
36) 4-Chloro-3-methylphenol	12.11	107	118847	44.633	ng		93
37) 2-Methylnaphthalene	12.48	142	206426	44.235	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	140615	42.204	ng		99
40) Hexachlorocyclopentadiene	12.82	237	180614	103.366	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	89386m	45.876	ng		
43) 2,4,5-Trichlorophenol	13.16	196	102581	47.062	ng		98
45) 1,1'-Biphenyl	13.48	154	285956	41.783	ng		97
46) 2-Chloronaphthalene	13.53	162	225994	42.453	ng		100
47) 2-Nitroaniline	13.73	65	75357	40.041	ng		93
48) Acenaphthylene	14.37	152	379588	42.567	ng		97
49) Dimethylphthalate	14.10	163	319709	41.338	ng		99
50) 2,6-Dinitrotoluene	14.22	165	73795	46.855	ng		92
51) Acenaphthene	14.71	154	218445	39.325	ng		99
52) 3-Nitroaniline	14.55	138	46424	28.840	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	52771	66.379	ng	#	58
54) Dibenzofuran	15.04	168	372006	42.109	ng		94
55) 4-Nitrophenol	14.87	139	92663	80.831	ng	#	84
56) 2,4-Dinitrotoluene	15.01	165	107613	47.627	ng	#	85
57) Fluorene	15.69	166	311386	42.054	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	100177	47.934	ng		94
59) Diethylphthalate	15.46	149	314223	39.512	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	179426	41.228	ng		95
61) 4-Nitroaniline	15.72	138	69967	41.552	ng	#	82
62) Azobenzene	15.98	77	315397	40.207	ng		93
64) 4,6-Dinitro-2-methylphenol	15.77	198	56860	43.020	ng		85
65) n-Nitrosodiphenylamine	15.90	169	278794	41.252	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	124064	45.038	ng		94
67) Hexachlorobenzene	16.70	284	126504	44.594	ng		97
68) Atrazine	16.85	200	124982	44.916	ng		95
69) Pentachlorophenol	17.05	266	111223	64.370	ng		98
70) Phenanthrene	17.43	178	504644	42.595	ng		98
71) Anthracene	17.52	178	517580	43.874	ng		97
72) Carbazole	17.79	167	459577	41.021	ng		98
73) Di-n-butylphthalate	18.34	149	529680	40.008	ng		98
74) Fluoranthene	19.44	202	659964	41.355	ng		97
76) Benzidine	19.62	184	287030	43.312	ng		97
77) Pyrene	19.80	202	657274	41.238	ng		98
79) Butylbenzylphthalate	20.68	149	246038	43.167	ng		96
80) Benzo(a)anthracene	21.63	228	665358	42.357	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	166309	30.364	ng	#	98
82) Chrysene	21.70	228	621406	42.689	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	333106	42.988	ng	#	99
84) Di-n-octyl phthalate	22.73	149	572607	44.134	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	698990	43.372	ng	#	84
87) Benzo(b)fluoranthene	23.84	252	623476	41.560	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	612181	41.740	ng	#	97
89) Benzo(a)pyrene	24.70	252	611422	43.809	ng	#	94
90) Dibenzo(a,h)anthracene	28.55	278	579496	42.293	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	573473	42.771	ng	#	96

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

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