Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039214.D
Acq On : 18 Jan 2019 13:50
Operator : JU/SJ
Sample : PB116467BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116467BS

Manual Integrations APPROVED
Sohil
1/21/2019 12:11:30 PM

Quant Time: Jan 18 14:56:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18817	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	69581	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	58229	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	142703	20.00	ng	0.00
76) Chrysene-d12	21.67	240	153563	20.00	ng	0.00
87) Perylene-d12	24.94	264	151674	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	150047	151.27	ng	0.00
7) Phenol-d6	7.17	99	194139	136.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	109506	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	126346	129.44	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	298966	70.27	ng	0.00
79) Terphenyl-d14	20.01	244	658782	79.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	12165	31.317	ng	# 90
3) Pyridine	3.84	79	29405	27.859	ng	97
4) n-Nitrosodimethylamine	3.77	42	19106	40.226	ng	97
6) Aniline	7.34	93	51028	29.764	ng	97
8) 2-Chlorophenol	7.57	128	49192	42.070	ng	97
9) Benzaldehyde	7.15	77	9857	11.973	ng	98
10) Phenol	7.20	94	58853	41.121	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	38767	35.440	ng	98
12) 1,3-Dichlorobenzene	7.90	146	53323	38.062	ng	98
13) 1,4-Dichlorobenzene	8.04	146	54152	38.166	ng	95
14) 1,2-Dichlorobenzene	8.36	146	51359	37.964	ng	97
15) Benzyl Alcohol	8.25	79	47949	44.602	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80840	38.541	ng	97
17) 2-Methylphenol	8.45	107	43282	43.552	ng	93
18) Hexachloroethane	9.08	117	16968	35.201	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	33463	35.697	ng	97
20) 3+4-Methylphenols	8.78	107	58416	41.228	ng	94
22) Acetophenone	8.84	105	69248	38.109	ng	# 99
24) Nitrobenzene	9.23	77	50955	39.645	ng	99
25) Isophorone	9.74	82	94628	43.202	ng	99
26) 2-Nitrophenol	9.94	139	29056	41.795	ng	96
27) 2,4-Dimethylphenol	9.99	122	48438	49.524	ng	86
28) bis(2-Chloroethoxy)methane	10.22	93	56086	42.605	ng	99
29) 2,4-Dichlorophenol	10.48	162	55043	45.300	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	55851	38.255	ng	98
31) Naphthalene	10.88	128	146097	41.864	ng	98
32) Benzoic acid	10.16	122	27606	46.307	ng	93
33) 4-Chloroaniline	11.00	127	37552	24.048	ng	97
34) Hexachlorobutadiene	11.13	225	36624	36.457	ng	95
35) Caprolactam	11.79	113	20330m	41.724	ng	
36) 4-Chloro-3-methylphenol	12.11	107	56221	43.260	ng	92
37) 2-Methylnaphthalene	12.48	142	130908	50.033	ng	100
38) 1-Methylnaphthalene	12.70	142	123516	49.183	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	75389	34.474	ng	99

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Quant Time: Jan 18 14:56:03 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	83658	68.790	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	51761	37.608	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	56622	38.924	ng		97
46) 1,1'-Biphenyl	13.48	154	147922	32.060	ng		100
47) 2-Chloronaphthalene	13.53	162	124012	33.214	ng		98
48) 2-Nitroaniline	13.75	65	41009	39.205	ng		97
49) Acenaphthylene	14.38	152	205070	36.541	ng		99
50) Dimethylphthalate	14.11	163	177437	36.060	ng		99
51) 2,6-Dinitrotoluene	14.24	165	40900	37.178	ng		93
52) Acenaphthene	14.72	154	128349	38.065	ng		97
53) 3-Nitroaniline	14.58	138	33979	30.447	ng		95
54) 2,4-Dinitrophenol	14.78	184	59426	89.653	ng		97
55) Dibenzofuran	15.05	168	213148	35.793	ng		98
56) 4-Nitrophenol	14.89	139	69654	86.743	ng		96
57) 2,4-Dinitrotoluene	15.02	165	61175	38.760	ng		96
58) Fluorene	15.70	166	175324	39.113	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	53782	39.166	ng		99
60) Diethylphthalate	15.46	149	188116	37.106	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	96637	34.220	ng		99
62) 4-Nitroaniline	15.74	138	44809	38.542	ng		100
63) Azobenzene	15.98	77	155512	39.225	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	41529	39.281	ng		97
66) n-Nitrosodiphenylamine	15.90	169	173194	40.940	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	68850	37.533	ng		98
68) Hexachlorobenzene	16.70	284	72674	36.307	ng		99
69) Atrazine	16.85	200	70447	39.199	ng		98
70) Pentachlorophenol	17.05	266	78997	65.045	ng		93
71) Phenanthrene	17.44	178	308557	40.907	ng		98
72) Anthracene	17.53	178	319038	42.779	ng		98
73) Carbazole	17.81	167	301470	40.948	ng		98
74) Di-n-butylphthalate	18.34	149	388501	47.434	ng		99
75) Fluoranthene	19.45	202	412846	44.151	ng		100
77) Benzidine	19.64	184	136661	29.096	ng		99
78) Pyrene	19.82	202	396030	40.467	ng		98
80) Butylbenzylphthalate	20.68	149	149604	40.193	ng		95
81) Benzo(a)anthracene	21.66	228	384631	41.145	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	112472	29.529	ng		97
83) Chrysene	21.72	228	359458	40.430	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	218607	42.298	ng		96
85) Di-n-octyl phthalate	22.73	149	361738	41.393	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	431098	40.579	ng	#	92
88) Benzo(b)fluoranthene	23.90	252	393513	47.052	ng		99
89) Benzo(k)fluoranthene	23.96	252	372982	45.106	ng		98
90) Benzo(a)pyrene	24.78	252	373328	46.182	ng		99
91) Dibenzo(a,h)anthracene	28.74	278	361062	44.904	ng		98
92) Benzo(g,h,i)perylene	29.86	276	360721	45.316	ng		98

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

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