Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037472.D
Acq On : 20 Oct 2018 4:59
Operator : JU/SJ
Sample : PB113548BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113548BSD

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:41 PM

Quant Time: Oct 20 06:43:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54004	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	233296	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	155161	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	388097	20.00	ng		0.00
76) Chrysene-d12	21.77	240	352372	20.00	ng		0.00
87) Perylene-d12	25.11	264	371947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	316318	97.93	ng		0.00
7) Phenol-d6	7.25	99	450371	92.21	ng		0.00
23) Nitrobenzene-d5	9.29	82	370068	88.86	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	159276	94.12	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	877270	85.26	ng		0.00
79) Terphenyl-d14	20.09	244	1409780	85.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	44136	26.943	ng		97
3) Pyridine	3.93	79	133257	32.275	ng		96
4) n-Nitrosodimethylamine	3.85	42	62795	42.700	ng	#	93
6) Aniline	7.43	93	203135	34.090	ng		96
8) 2-Chlorophenol	7.67	128	165776	43.870	ng		100
9) Benzaldehyde	7.25	77	60952	19.949	ng		91
10) Phenol	7.28	94	225477	43.751	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	147857	37.775	ng		96
12) 1,3-Dichlorobenzene	7.99	146	157067	37.336	ng		96
13) 1,4-Dichlorobenzene	8.14	146	158850	36.914	ng		99
14) 1,2-Dichlorobenzene	8.46	146	154478	37.318	ng		96
15) Benzyl Alcohol	8.35	79	149243	41.352	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	268849	38.387	ng		97
17) 2-Methylphenol	8.54	107	151384	44.431	ng		98
18) Hexachloroethane	9.19	117	55973	38.153	ng		89
19) n-Nitroso-di-n-propylamine	8.91	70	125660	37.360	ng		93
20) 3+4-Methylphenols	8.87	107	210141	43.139	ng		99
22) Acetophenone	8.94	105	239307	40.900	ng	#	98
24) Nitrobenzene	9.33	77	182784	42.249	ng		96
25) Isophorone	9.85	82	354998	46.653	ng		98
26) 2-Nitrophenol	10.04	139	84234	43.219	ng		96
27) 2,4-Dimethylphenol	10.08	122	177254	50.937	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	221471	44.423	ng		99
29) 2,4-Dichlorophenol	10.57	162	179295	46.275	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	165406	39.257	ng		100
31) Naphthalene	10.98	128	500220	43.653	ng		99
32) Benzoic acid	10.20	122	119917m	53.055	ng		
33) 4-Chloroaniline	11.09	127	152857	28.391	ng		98
34) Hexachlorobutadiene	11.24	225	95836	38.377	ng		97
35) Caprolactam	11.87	113	67824m	43.647	ng		
36) 4-Chloro-3-methylphenol	12.19	107	197271	45.146	ng		98
37) 2-Methylnaphthalene	12.58	142	388458	46.505	ng		99
38) 1-Methylnaphthalene	12.79	142	366331	45.159	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	198179	39.598	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	239931	100.362	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	150275	44.944	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	165576	45.483	ng		96
46) 1,1'-Biphenyl	13.58	154	506172	39.391	ng		99
47) 2-Chloronaphthalene	13.62	162	391719	40.294	ng		99
48) 2-Nitroaniline	13.83	65	134892	45.756	ng		94
49) Acenaphthylene	14.47	152	667544	45.647	ng		99
50) Dimethylphthalate	14.19	163	534172	44.501	ng		100
51) 2,6-Dinitrotoluene	14.32	165	119589	45.036	ng		93
52) Acenaphthene	14.80	154	386661	42.932	ng		96
53) 3-Nitroaniline	14.65	138	106118	35.998	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	103702	84.705	ng		91
55) Dibenzofuran	15.14	168	627991	42.085	ng		100
56) 4-Nitrophenol	14.94	139	215069	98.564	ng		98
57) 2,4-Dinitrotoluene	15.10	165	171272	49.136	ng		96
58) Fluorene	15.79	166	512707	45.882	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147564	47.343	ng		99
60) Diethylphthalate	15.54	149	547645	44.439	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	265674	40.790	ng		99
62) 4-Nitroaniline	15.81	138	136980	46.763	ng		93
63) Azobenzene	16.07	77	517911	44.047	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84535	42.659	ng		94
66) n-Nitrosodiphenylamine	15.99	169	474529	40.648	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	171911	40.336	ng		98
68) Hexachlorobenzene	16.78	284	171558	38.839	ng		99
69) Atrazine	16.93	200	185598	43.973	ng		99
70) Pentachlorophenol	17.12	266	219076	74.044	ng		98
71) Phenanthrene	17.53	178	865726	43.891	ng		99
72) Anthracene	17.62	178	878700	45.395	ng		98
73) Carbazole	17.89	167	818425	42.269	ng		100
74) Di-n-butylphthalate	18.43	149	971942	45.125	ng		100
75) Fluoranthene	19.53	202	1041848	46.571	ng		98
77) Benzidine	19.72	184	531952	44.398	ng		98
78) Pyrene	19.90	202	1031461	44.778	ng		100
80) Butylbenzylphthalate	20.77	149	435810	46.228	ng		95
81) Benzo(a)anthracene	21.75	228	963401	46.223	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	273443	33.847	ng		97
83) Chrysene	21.83	228	889369	44.376	ng		100
84) Bis(2-ethylhexyl)phthalate	21.63	149	605018	45.785	ng		99
85) Di-n-octyl phthalate	22.88	149	1022379	47.446	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	992114	46.154	ng		98
88) Benzo(b)fluoranthene	24.05	252	955870	46.876	ng		98
89) Benzo(k)fluoranthene	24.12	252	894440	44.771	ng		97
90) Benzo(a)pyrene	24.95	252	899353	46.414	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	808877	45.256	ng		98
92) Benzo(g,h,i)perylene	30.15	276	821685	45.440	ng		100

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

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