Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039622.D
Acq On : 27 Feb 2019 5:57
Operator : JU/SJ
Sample : PB117340BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:53 PM

Quant Time: Feb 27 06:54:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58941	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	245536	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	162327	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	391951	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	405906	20.00	ng		-0.02
87) Perylene-d12	25.20	264	424476	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	518740	150.63	ng		0.00
7) Phenol-d6	7.32	99	724781	142.98	ng		0.00
23) Nitrobenzene-d5	9.34	82	414051	105.35	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	270818	154.93	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	984275	86.98	ng		-0.02
79) Terphenyl-d14	20.13	244	1557373	81.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	55814	37.051	ng		95
3) Pyridine	4.00	79	157134	39.398	ng		95
4) n-Nitrosodimethylamine	3.92	42	85447	42.839	ng		89
6) Aniline	7.49	93	99240	15.629	ng		99
8) 2-Chlorophenol	7.73	128	175081	46.510	ng		95
9) Benzaldehyde	7.31	77	79510	28.966	ng		99
10) Phenol	7.35	94	237899	45.021	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	165699	39.683	ng		95
12) 1,3-Dichlorobenzene	8.05	146	179796	39.427	ng		97
13) 1,4-Dichlorobenzene	8.20	146	185311	40.770	ng		98
14) 1,2-Dichlorobenzene	8.52	146	177329	40.300	ng		98
15) Benzyl Alcohol	8.40	79	163068	40.975	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	326533	34.629	ng		100
17) 2-Methylphenol	8.60	107	153360	44.848	ng		96
18) Hexachloroethane	9.25	117	66309	42.403	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	135465	37.651	ng		92
20) 3+4-Methylphenols	8.93	107	209857	44.565	ng		96
22) Acetophenone	9.00	105	255600	38.754	ng	#	96
24) Nitrobenzene	9.39	77	201667	47.495	ng		95
25) Isophorone	9.90	82	376564	43.235	ng		97
26) 2-Nitrophenol	10.10	139	100131	56.800	ng		97
27) 2,4-Dimethylphenol	10.14	122	174371	49.491	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	230228	42.916	ng		96
29) 2,4-Dichlorophenol	10.63	162	189273	49.153	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	186751	43.198	ng		98
31) Naphthalene	11.04	128	538012	44.169	ng		99
32) Benzoic acid	10.21	122	26092m	18.205	ng		
33) 4-Chloroaniline	11.15	127	59519	10.538	ng		95
34) Hexachlorobutadiene	11.30	225	120801	42.017	ng		97
35) Caprolactam	11.93	113	64235	40.312	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	197588	44.369	ng		97
37) 2-Methylnaphthalene	12.63	142	397448	44.054	ng		96
38) 1-Methylnaphthalene	12.85	142	382400	43.971	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	221634	42.913	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	277978	98.771	ng		96
43) 2,4,6-Trichlorophenol	13.23	196	154162	48.546	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	166748	50.101	ng		98
46) 1,1'-Biphenyl	13.63	154	536999	39.760	ng		99
47) 2-Chloronaphthalene	13.67	162	419552	41.293	ng		98
48) 2-Nitroaniline	13.88	65	141766	48.473	ng		86
49) Acenaphthylene	14.52	152	672119	43.840	ng		99
50) Dimethylphthalate	14.24	163	547791	41.784	ng		100
51) 2,6-Dinitrotoluene	14.37	165	123301	50.005	ng		94
52) Acenaphthene	14.85	154	407812	40.979	ng		99
53) 3-Nitroaniline	14.70	138	46213	21.163	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	22406	30.264	ng		96
55) Dibenzofuran	15.19	168	665659	41.719	ng		99
56) 4-Nitrophenol	15.00	139	201387	84.599	ng		91
57) 2,4-Dinitrotoluene	15.15	165	175546	54.638	ng	#	87
58) Fluorene	15.83	166	528345	44.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	166549	53.445	ng		93
60) Diethylphthalate	15.59	149	552347	40.749	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	279498	41.499	ng		99
62) 4-Nitroaniline	15.87	138	133999	48.677	ng		88
63) Azobenzene	16.12	77	506236	38.210	ng		95
65) 4,6-Dinitro-2-methylphenol	15.91	198	31874	26.167	ng		97
66) n-Nitrosodiphenylamine	16.03	169	486057	40.784	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	180941	41.612	ng		94
68) Hexachlorobenzene	16.83	284	191630	43.926	ng		97
69) Atrazine	16.97	200	181458	41.664	ng		96
70) Pentachlorophenol	17.17	266	117472	38.743	ng		97
71) Phenanthrene	17.58	178	899176	44.324	ng		99
72) Anthracene	17.67	178	910613	45.572	ng		98
73) Carbazole	17.94	167	805864	40.411	ng		99
74) Di-n-butylphthalate	18.47	149	978146	42.044	ng		99
75) Fluoranthene	19.58	202	1094395	46.479	ng		100
77) Benzidine	19.76	184	168223	12.641	ng		99
78) Pyrene	19.94	202	1108288	43.860	ng		98
80) Butylbenzylphthalate	20.80	149	472177	44.297	ng		97
81) Benzo(a)anthracene	21.80	228	1091159	45.494	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	151057	16.985	ng		99
83) Chrysene	21.87	228	1017604	44.569	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	654694	43.052	ng		99
85) Di-n-octyl phthalate	22.93	149	1119172	44.547	ng		95
86) Indeno(1,2,3-cd)pyrene	29.08	276	1246841	50.898	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1092878	47.210	ng		99
89) Benzo(k)fluoranthene	24.19	252	1021378	43.947	ng		99
90) Benzo(a)pyrene	25.05	252	1052682	47.218	ng		98
91) Dibenzo(a,h)anthracene	29.16	278	1004173	48.096	ng		99
92) Benzo(g,h,i)perylene	30.32	276	1030212	49.505	ng		97

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

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