Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039385.D
Acq On : 7 Feb 2019 17:02
Operator : JU/SJ
Sample : PB116900BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116900BSD

Manual Integrations APPROVED
Sohil
2/11/2019 5:04:17 PM

Quant Time: Feb 08 23:45:54 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	8.18	152	50187	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	220651	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	144484	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	350225	20.00	ng		0.00
76) Chrysene-d12	21.84	240	365866	20.00	ng		-0.01
87) Perylene-d12	25.22	264	374973	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	421733	143.82	ng		0.00
7) Phenol-d6	7.31	99	594628	137.76	ng		0.00
23) Nitrobenzene-d5	9.35	82	321148	90.92	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	221083	142.10	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	789849	78.42	ng		0.00
79) Terphenyl-d14	20.14	244	1331483	77.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	61323	47.809	ng		96
3) Pyridine	4.01	79	135337	39.852	ng		96
4) n-Nitrosodimethylamine	3.92	42	70300	41.392	ng		86
6) Aniline	7.50	93	158146	29.251	ng		99
8) 2-Chlorophenol	7.74	128	147557	46.035	ng		97
9) Benzaldehyde	7.32	77	31129	11.005	ng		94
10) Phenol	7.34	94	204181	45.379	ng		98
11) bis(2-Chloroethyl)ether	7.60	93	142315	40.028	ng		98
12) 1,3-Dichlorobenzene	8.07	146	153344	39.491	ng		97
13) 1,4-Dichlorobenzene	8.21	146	157978	40.819	ng		97
14) 1,2-Dichlorobenzene	8.54	146	149985	40.031	ng		98
15) Benzyl Alcohol	8.41	79	139289	41.104	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	280046	34.880	ng		99
17) 2-Methylphenol	8.61	107	130233	44.728	ng		95
18) Hexachloroethane	9.26	117	55468	41.658	ng		94
19) n-Nitroso-di-n-propylamine	8.98	70	115660	37.754	ng		97
20) 3+4-Methylphenols	8.93	107	178905	44.619	ng		98
22) Acetophenone	9.01	105	219990	37.116	ng	#	95
24) Nitrobenzene	9.40	77	169287	44.365	ng	#	96
25) Isophorone	9.91	82	322299	41.178	ng		99
26) 2-Nitrophenol	10.11	139	76920	50.606	ng		97
27) 2,4-Dimethylphenol	10.15	122	151705	47.914	ng		95
28) bis(2-Chloroethoxy)methane	10.40	93	199633	41.409	ng		97
29) 2,4-Dichlorophenol	10.63	162	158948	45.933	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	159210	40.980	ng		99
31) Naphthalene	11.05	128	458813	41.915	ng		98
32) Benzoic acid	10.26	122	94245	45.935	ng		97
33) 4-Chloroaniline	11.16	127	104958	20.679	ng		97
34) Hexachlorobutadiene	11.31	225	104279	40.361	ng		97
35) Caprolactam	11.94	113	54945m	38.371	ng		
36) 4-Chloro-3-methylphenol	12.25	107	166636	41.638	ng		98
37) 2-Methylnaphthalene	12.64	142	344665	42.512	ng		99
38) 1-Methylnaphthalene	12.86	142	328282	42.006	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	191256	41.604	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	240533	96.021	ng		97
43) 2,4,6-Trichlorophenol	13.24	196	127088	44.963	ng		99
44) 2,4,5-Trichlorophenol	13.31	196	138079	46.610	ng		95
46) 1,1'-Biphenyl	13.64	154	464761	38.661	ng		97
47) 2-Chloronaphthalene	13.69	162	355929	39.358	ng		99
48) 2-Nitroaniline	13.89	65	118799	46.122	ng		98
49) Acenaphthylene	14.53	152	566575	41.520	ng		99
50) Dimethylphthalate	14.25	163	460549	39.467	ng		99
51) 2,6-Dinitrotoluene	14.37	165	102732	47.228	ng		97
52) Acenaphthene	14.87	154	344697	38.915	ng		99
53) 3-Nitroaniline	14.71	138	72310	32.812	ng	#	91
54) 2,4-Dinitrophenol	14.91	184	80653	82.396	ng		95
55) Dibenzofuran	15.20	168	562257	39.590	ng		99
56) 4-Nitrophenol	14.99	139	182056	85.832	ng		91
57) 2,4-Dinitrotoluene	15.16	165	144599	51.148	ng		89
58) Fluorene	15.84	166	447855	42.302	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137253	49.483	ng		97
60) Diethylphthalate	15.60	149	470319	38.982	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	237113	39.554	ng		97
62) 4-Nitroaniline	15.87	138	110851	45.537	ng		92
63) Azobenzene	16.13	77	428637	36.349	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	69454	49.645	ng		97
66) n-Nitrosodiphenylamine	16.05	169	408917	38.399	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	154196	39.686	ng		97
68) Hexachlorobenzene	16.84	284	160075	41.064	ng		94
69) Atrazine	16.99	200	168100	43.195	ng		97
70) Pentachlorophenol	17.18	266	203287	75.033	ng		98
71) Phenanthrene	17.59	178	758400	41.839	ng		100
72) Anthracene	17.68	178	770782	43.170	ng		99
73) Carbazole	17.95	167	687448	38.580	ng		99
74) Di-n-butylphthalate	18.49	149	838368	40.329	ng		99
75) Fluoranthene	19.59	202	930376	44.221	ng		99
77) Benzidine	19.77	184	329727	27.488	ng		98
78) Pyrene	19.95	202	931143	40.882	ng		98
80) Butylbenzylphthalate	20.82	149	389868	40.578	ng		97
81) Benzo(a)anthracene	21.82	228	912311	42.200	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	214171	26.718	ng		97
83) Chrysene	21.89	228	860076	41.792	ng		100
84) Bis(2-ethylhexyl)phthalate	21.69	149	548357	40.006	ng		99
85) Di-n-octyl phthalate	22.96	149	937487	41.399	ng		96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1027470	46.533	ng		97
88) Benzo(b)fluoranthene	24.14	252	897336	43.881	ng		98
89) Benzo(k)fluoranthene	24.21	252	877326	42.732	ng		99
90) Benzo(a)pyrene	25.07	252	875528	44.456	ng		98
91) Dibenzo(a,h)anthracene	29.20	278	824258	44.691	ng		98
92) Benzo(g,h,i)perylene	30.35	276	825984	44.931	ng		100

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

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