Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039278.D
Acq On : 25 Jan 2019 14:44
Operator : JU/SJ
Sample : PB116607BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116607BSD

Manual Integrations APPROVED
mohammad
1/29/2019 12:25:48 AM

Quant Time: Jan 25 16:00:54 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 25 14:28:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	15449	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	63378	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	44803	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	122258	20.00	ng		0.00
76) Chrysene-d12	21.67	240	137087	20.00	ng		0.00
87) Perylene-d12	24.93	264	137001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	167170	205.27	ng		0.00
7) Phenol-d6	7.16	99	180627	154.12	ng		0.00
23) Nitrobenzene-d5	9.19	82	92404	79.78	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	98773	131.52	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	259011	79.12	ng		0.00
79) Terphenyl-d14	20.00	244	587398	79.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	11865	37.204	ng		93
3) Pyridine	3.84	79	34256	39.530	ng		96
4) n-Nitrosodimethylamine	3.76	42	20959	53.748	ng		99
6) Aniline	7.33	93	47918	34.043	ng		99
8) 2-Chlorophenol	7.57	128	42672	44.450	ng		98
9) Benzaldehyde	7.15	77	10916	16.150	ng		93
10) Phenol	7.20	94	57613	49.030	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	35082	39.063	ng		97
12) 1,3-Dichlorobenzene	7.89	146	43753	38.039	ng		95
13) 1,4-Dichlorobenzene	8.04	146	45798	39.315	ng		99
14) 1,2-Dichlorobenzene	8.36	146	44424	39.997	ng		98
15) Benzyl Alcohol	8.25	79	37801	42.828	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70376	40.867	ng		98
17) 2-Methylphenol	8.45	107	36894	45.218	ng		95
18) Hexachloroethane	9.08	117	16190	40.909	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	28998	37.677	ng		98
20) 3+4-Methylphenols	8.78	107	49662	42.691	ng		99
22) Acetophenone	8.84	105	61711	37.285	ng	#	97
24) Nitrobenzene	9.23	77	46407	39.640	ng		98
25) Isophorone	9.74	82	89585	44.902	ng		97
26) 2-Nitrophenol	9.94	139	25909	40.916	ng		99
27) 2,4-Dimethylphenol	9.98	122	41927	47.063	ng		90
28) bis(2-Chloroethoxy)methane	10.22	93	49728	41.472	ng		99
29) 2,4-Dichlorophenol	10.47	162	50100	45.267	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	52173	39.234	ng		99
31) Naphthalene	10.87	128	133659	42.048	ng		100
32) Benzoic acid	10.17	122	9457	23.310	ng		95
33) 4-Chloroaniline	11.00	127	33739	23.721	ng		99
34) Hexachlorobutadiene	11.13	225	36409	39.791	ng		97
35) Caprolactam	11.78	113	17075m	38.474	ng		
36) 4-Chloro-3-methylphenol	12.11	107	49744	42.023	ng		91
37) 2-Methylnaphthalene	12.48	142	102945	43.196	ng		99
38) 1-Methylnaphthalene	12.69	142	98229	42.942	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	68686	40.821	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	76391	80.567 ng	97
43) 2,4,6-Trichlorophenol	13.09	196	44381	41.909 ng	98
44) 2,4,5-Trichlorophenol	13.16	196	49043	43.817 ng	97
46) 1,1'-Biphenyl	13.48	154	139023	39.160 ng	98
47) 2-Chloronaphthalene	13.53	162	113607	39.545 ng	99
48) 2-Nitroaniline	13.74	65	34554	42.933 ng	96
49) Acenaphthylene	14.37	152	183240	42.436 ng	99
50) Dimethylphthalate	14.10	163	158443	41.849 ng	100
51) 2,6-Dinitrotoluene	14.23	165	35492	41.930 ng	98
52) Acenaphthene	14.71	154	105975	40.848 ng	96
53) 3-Nitroaniline	14.57	138	23909	27.844 ng	94
54) 2,4-Dinitrophenol	14.78	184	44233	86.905 ng	97
55) Dibenzofuran	15.04	168	185948	40.582 ng	100
56) 4-Nitrophenol	14.88	139	54027	87.444 ng	99
57) 2,4-Dinitrotoluene	15.03	165	52381	43.133 ng	97
58) Fluorene	15.70	166	160392	46.505 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	45600	43.159 ng	99
60) Diethylphthalate	15.45	149	165202	42.351 ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	91225	41.984 ng	98
62) 4-Nitroaniline	15.74	138	36980	41.340 ng	94
63) Azobenzene	15.98	77	125266	41.064 ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	38597	42.613 ng	98
66) n-Nitrosodiphenylamine	15.90	169	144457	39.858 ng	100
67) 4-Bromophenyl-phenylether	16.58	248	60433	38.454 ng	96
68) Hexachlorobenzene	16.69	284	65130	37.979 ng	95
69) Atrazine	16.85	200	61362	39.854 ng	95
70) Pentachlorophenol	17.05	266	63268	61.183 ng	95
71) Phenanthrene	17.44	178	274470	42.473 ng	97
72) Anthracene	17.53	178	280610	43.918 ng	99
73) Carbazole	17.81	167	250717	39.749 ng	99
74) Di-n-butylphthalate	18.33	149	291587	41.555 ng	98
75) Fluoranthene	19.45	202	356153	44.458 ng	99
77) Benzidine	19.63	184	142323	33.943 ng	99
78) Pyrene	19.81	202	356655	40.824 ng	98
80) Butylbenzylphthalate	20.68	149	133476	40.170 ng	99
81) Benzo(a)anthracene	21.65	228	358564	42.967 ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	101956	29.985 ng	96
83) Chrysene	21.72	228	344066	43.350 ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	207512	44.977 ng	95
85) Di-n-octyl phthalate	22.73	149	333453	42.743 ng	99
86) Indeno(1,2,3-cd)pyrene	28.67	276	450964	47.550 ng	99
88) Benzo(b)fluoranthene	23.89	252	384569	50.908 ng	99
89) Benzo(k)fluoranthene	23.96	252	368067	49.279 ng	97
90) Benzo(a)pyrene	24.78	252	344239	47.145 ng	98
91) Dibenzo(a,h)anthracene	28.72	278	369511	50.877 ng	99
92) Benzo(g,h,i)perylene	29.84	276	333731	46.415 ng	98

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

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