Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039925.D
Acq On : 14 Mar 2019 15:04
Operator : JU/SJ
Sample : PB117907BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117907BS

Manual Integrations APPROVED
Sohil
3/15/2019 10:12:26 AM

Quant Time: Mar 15 08:18:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36773	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	157396	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	108069	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	268009	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	279951	20.00	ng		-0.02
87) Perylene-d12	25.17	264	265013	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	295021	136.87	ng		-0.02
7) Phenol-d6	7.30	99	410591	127.75	ng		-0.02
23) Nitrobenzene-d5	9.32	82	230515	79.21	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	170087	135.03	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	567538	74.77	ng		-0.02
79) Terphenyl-d14	20.11	244	989729	77.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	38951	39.141	ng		97
3) Pyridine	3.98	79	95478	35.838	ng		94
4) n-Nitrosodimethylamine	3.90	42	49190	38.921	ng	#	83
6) Aniline	7.47	93	118787	28.210	ng		99
8) 2-Chlorophenol	7.71	128	107836	41.237	ng		96
9) Benzaldehyde	7.29	77	48211	23.254	ng		94
10) Phenol	7.32	94	146262	42.008	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	101746	37.481	ng		97
12) 1,3-Dichlorobenzene	8.04	146	115070	38.907	ng		96
13) 1,4-Dichlorobenzene	8.18	146	114200	37.909	ng		98
14) 1,2-Dichlorobenzene	8.50	146	110835	38.079	ng		98
15) Benzyl Alcohol	8.38	79	101048	39.635	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	206087	37.958	ng		98
17) 2-Methylphenol	8.58	107	92822	41.810	ng		96
18) Hexachloroethane	9.23	117	42157	39.001	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	85292	36.870	ng		93
20) 3+4-Methylphenols	8.91	107	128151	41.550	ng		98
22) Acetophenone	8.98	105	160741	38.050	ng	#	96
24) Nitrobenzene	9.37	77	124187	40.677	ng		98
25) Isophorone	9.88	82	241722	39.641	ng		97
26) 2-Nitrophenol	10.07	139	61519	41.734	ng		98
27) 2,4-Dimethylphenol	10.12	122	112738	49.176	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	147645	39.843	ng		99
29) 2,4-Dichlorophenol	10.61	162	119776	46.404	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	117704	40.525	ng		100
31) Naphthalene	11.02	128	333663	40.039	ng		99
32) Benzoic acid	10.24	122	58161m	38.468	ng		
33) 4-Chloroaniline	11.13	127	88479	25.038	ng		97
34) Hexachlorobutadiene	11.28	225	78732	39.668	ng		94
35) Caprolactam	11.91	113	40070m	40.639	ng		
36) 4-Chloro-3-methylphenol	12.23	107	129982	43.930	ng		99
37) 2-Methylnaphthalene	12.61	142	259563	41.661	ng		99
38) 1-Methylnaphthalene	12.83	142	246191	40.661	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144357	39.430	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	185349	94.469	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	100529	46.901	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	105007	43.463	ng		96
46) 1,1'-Biphenyl	13.61	154	349437	39.313	ng		98
47) 2-Chloronaphthalene	13.66	162	269979	40.375	ng		97
48) 2-Nitroaniline	13.86	65	94106	43.792	ng		94
49) Acenaphthylene	14.50	152	433970	39.534	ng		99
50) Dimethylphthalate	14.22	163	365281	40.422	ng		99
51) 2,6-Dinitrotoluene	14.35	165	81791	42.695	ng		98
52) Acenaphthene	14.84	154	262303	39.702	ng		99
53) 3-Nitroaniline	14.69	138	55637	28.892	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	71320	60.411	ng		97
55) Dibenzofuran	15.17	168	436451	40.264	ng		100
56) 4-Nitrophenol	14.98	139	143488	83.294	ng		93
57) 2,4-Dinitrotoluene	15.13	165	117244	43.556	ng	#	93
58) Fluorene	15.82	166	344897	40.474	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	104751	44.395	ng		99
60) Diethylphthalate	15.57	149	375482	41.974	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	182300	40.090	ng		99
62) 4-Nitroaniline	15.85	138	89157	42.706	ng		96
63) Azobenzene	16.10	77	331579	40.890	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62317	39.325	ng		97
66) n-Nitrosodiphenylamine	16.02	169	323819	41.735	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	120611	40.205	ng		96
68) Hexachlorobenzene	16.81	284	124392	40.002	ng		96
69) Atrazine	16.96	200	131639	43.109	ng		99
70) Pentachlorophenol	17.16	266	159002	80.963	ng		99
71) Phenanthrene	17.56	178	596739	40.423	ng		99
72) Anthracene	17.65	178	608071	42.269	ng		99
73) Carbazole	17.92	167	537482	41.444	ng		98
74) Di-n-butylphthalate	18.45	149	654815	42.914	ng		100
75) Fluoranthene	19.56	202	728455	41.754	ng		99
77) Benzidine	19.74	184	292855	32.966	ng		99
78) Pyrene	19.93	202	735096	40.409	ng		99
80) Butylbenzylphthalate	20.79	149	309689	43.941	ng		96
81) Benzo(a)anthracene	21.78	228	704477	40.152	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	166292	25.960	ng		100
83) Chrysene	21.85	228	675494	39.712	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	428436	43.259	ng		98
85) Di-n-octyl phthalate	22.90	149	730560	44.550	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	796528	41.278	ng	#	97
88) Benzo(b)fluoranthene	24.09	252	703431	44.512	ng		98
89) Benzo(k)fluoranthene	24.16	252	675223	45.901	ng		99
90) Benzo(a)pyrene	25.01	252	678970	46.495	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	649766	45.387	ng		98
92) Benzo(g,h,i)perylene	30.26	276	658788	45.819	ng		96

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

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