Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043387.D
Acq On : 30 Oct 2019 00:45
Operator : JU
Sample : PB124392BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124392BS

Quant Time: Oct 30 06:26:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35169	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	135471	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	103627	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	245221	20.00	ng		0.00
76) Chrysene-d12	21.66	240	279115	20.00	ng		0.00
87) Perylene-d12	24.86	264	313206	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	253741	132.21	ng		0.01
7) Phenol-d6	7.21	99	340919	123.46	ng		0.01
23) Nitrobenzene-d5	9.19	82	168190	64.01	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	212028	107.52	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	453754	60.51	ng		0.00
79) Terphenyl-d14	20.00	244	885484	59.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	28594	38.232	ng		93
3) Pyridine	3.89	79	71972	38.148	ng		98
4) n-Nitrosodimethylamine	3.80	42	42747	44.902	ng		92
6) Aniline	7.35	93	106080	33.349	ng		97
8) 2-Chlorophenol	7.60	128	101180	47.758	ng		95
9) Benzaldehyde	7.16	77	56641	41.739	ng		94
10) Phenol	7.24	94	121089	47.989	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	86003	44.085	ng		98
12) 1,3-Dichlorobenzene	7.91	146	113157	42.629	ng		96
13) 1,4-Dichlorobenzene	8.06	146	113375	42.215	ng		98
14) 1,2-Dichlorobenzene	8.38	146	111211	42.411	ng		94
15) Benzyl Alcohol	8.27	79	87579	45.160	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	114303	40.294	ng		97
17) 2-Methylphenol	8.48	107	85435	46.445	ng		96
18) Hexachloroethane	9.11	117	39048	40.299	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	72138	40.429	ng		98
20) 3+4-Methylphenols	8.81	107	113318	44.925	ng		89
22) Acetophenone	8.85	105	144096	41.535	ng		97
24) Nitrobenzene	9.23	77	110376	44.094	ng		95
25) Isophorone	9.75	82	203348	42.327	ng		99
26) 2-Nitrophenol	9.94	139	57332	47.441	ng		95
27) 2,4-Dimethylphenol	10.01	122	90209	52.080	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	113720	42.889	ng		96
29) 2,4-Dichlorophenol	10.49	162	104619	47.140	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	121519	43.444	ng		96
31) Naphthalene	10.88	128	312157	45.395	ng		98
32) Benzoic acid	10.16	122	42436	35.086	ng		95
33) 4-Chloroaniline	11.00	127	64376	22.839	ng		98
34) Hexachlorobutadiene	11.17	225	85293	41.250	ng		95
35) Caprolactam	11.75	113	30494	39.896	ng	#	88
36) 4-Chloro-3-methylphenol	12.13	107	107765	44.516	ng		98
37) 2-Methylnaphthalene	12.48	142	233006	44.162	ng		97
38) 1-Methylnaphthalene	12.70	142	221622	44.147	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	152904	39.870	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	143171	71.067 ng	97
43) 2,4,6-Trichlorophenol	13.09	196	94133	41.679 ng	95
44) 2,4,5-Trichlorophenol	13.18	196	94619	41.439 ng	95
46) 1,1'-Biphenyl	13.48	154	313720	39.795 ng	97
47) 2-Chloronaphthalene	13.53	162	240942	40.169 ng	98
48) 2-Nitroaniline	13.73	65	70456	39.301 ng	98
49) Acenaphthylene	14.37	152	387915	41.553 ng	97
50) Dimethylphthalate	14.11	163	306679	38.208 ng	99
51) 2,6-Dinitrotoluene	14.22	165	69221	39.696 ng	95
52) Acenaphthene	14.72	154	228766	40.184 ng	99
53) 3-Nitroaniline	14.56	138	48972	29.088 ng	99
54) 2,4-Dinitrophenol	14.77	184	46346	45.970 ng	97
55) Dibenzofuran	15.05	168	375795	40.705 ng	98
56) 4-Nitrophenol	14.89	139	102354	90.722 ng	94
57) 2,4-Dinitrotoluene	15.01	165	100597	40.367 ng	95
58) Fluorene	15.70	166	310559	40.107 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102851	42.397 ng	98
60) Diethylphthalate	15.46	149	303524	37.635 ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	176704	39.118 ng	98
62) 4-Nitroaniline	15.73	138	63263	36.385 ng	97
63) Azobenzene	15.98	77	260705	39.941 ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	45789	31.729 ng	96
66) n-Nitrosodiphenylamine	15.90	169	276428	39.928 ng	98
67) 4-Bromophenyl-phenylether	16.58	248	124606	37.758 ng	95
68) Hexachlorobenzene	16.70	284	142467	37.609 ng	98
69) Atrazine	16.85	200	119567	49.702 ng	96
70) Pentachlorophenol	17.05	266	152239	88.198 ng	96
71) Phenanthrene	17.44	178	495237	39.439 ng	100
72) Anthracene	17.53	178	513352	40.860 ng	99
73) Carbazole	17.80	167	461835	40.593 ng	99
74) Di-n-butylphthalate	18.35	149	543934	39.402 ng	98
75) Fluoranthene	19.45	202	662580	40.474 ng	98
77) Benzidine	19.63	184	225773	40.193 ng	99
78) Pyrene	19.80	202	679335	39.320 ng	99
80) Butylbenzylphthalate	20.69	149	251462	38.417 ng	99
81) Benzo(a)anthracene	21.64	228	703432	40.234 ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	236187	34.927 ng	99
83) Chrysene	21.71	228	684030	39.377 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	367653	39.541 ng	98
85) Di-n-octyl phthalate	22.74	149	641830	40.687 ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	895047	41.047 ng	99
88) Benzo(b)fluoranthene	23.85	252	728406	41.062 ng	97
89) Benzo(k)fluoranthene	23.91	252	755959	42.332 ng	99
90) Benzo(a)pyrene	24.71	252	685960	40.495 ng	98
91) Dibenzo(a,h)anthracene	28.56	278	750100	43.292 ng	99
92) Benzo(g,h,i)perylene	29.64	276	738632	43.218 ng	96

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

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