Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043615.D
Acq On : 13 Nov 2019 16:44
Operator : JU
Sample : PB124718BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Manual Integrations APPROVED
mohammad
11/14/2019 2:07:52 PM

Quant Time: Nov 14 03:03:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25976	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	101766	20.00	ng		-0.02
39) Acenaphthene-d10	14.63	164	73231	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	169916	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	190161	20.00	ng		-0.02
87) Perylene-d12	24.82	264	215812	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	169702	119.71	ng		0.00
7) Phenol-d6	7.20	99	224996	110.32	ng		0.00
23) Nitrobenzene-d5	9.16	82	118118	59.84	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	137430	98.62	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	319181	60.23	ng		-0.02
79) Terphenyl-d14	19.98	244	626652	61.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	19347	35.023	ng		95
3) Pyridine	3.86	79	46375	33.280	ng		94
4) n-Nitrosodimethylamine	3.78	42	28498	40.528	ng	#	87
6) Aniline	7.33	93	67674	28.804	ng		96
8) 2-Chlorophenol	7.58	128	67433	43.093	ng		98
9) Benzaldehyde	7.14	77	36301	36.217	ng		92
10) Phenol	7.23	94	81878	43.933	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	50399	34.977	ng		99
12) 1,3-Dichlorobenzene	7.88	146	74038	37.763	ng		94
13) 1,4-Dichlorobenzene	8.03	146	74220	37.416	ng		98
14) 1,2-Dichlorobenzene	8.35	146	73579	37.990	ng		96
15) Benzyl Alcohol	8.25	79	58396	40.769	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73456	35.059	ng		94
17) 2-Methylphenol	8.47	107	57132	42.051	ng		92
18) Hexachloroethane	9.08	117	27952	39.057	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	47521	36.058	ng	#	90
20) 3+4-Methylphenols	8.80	107	74950m	40.230	ng		
22) Acetophenone	8.82	105	94395	36.220	ng	#	94
24) Nitrobenzene	9.20	77	72724	38.675	ng	#	96
25) Isophorone	9.72	82	136418	37.800	ng		97
26) 2-Nitrophenol	9.92	139	39125	43.097	ng	#	94
27) 2,4-Dimethylphenol	9.99	122	63351	48.688	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	75018	37.663	ng		98
29) 2,4-Dichlorophenol	10.48	162	71667	42.988	ng		92
30) 1,2,4-Trichlorobenzene	10.66	180	78695	37.452	ng		88
31) Naphthalene	10.85	128	207243	40.120	ng		99
32) Benzoic acid	10.16	122	27872	31.814	ng		94
33) 4-Chloroaniline	10.98	127	54465	25.722	ng		97
34) Hexachlorobutadiene	11.13	225	56143	36.145	ng		98
35) Caprolactam	11.74	113	21019	36.607	ng	#	80
36) 4-Chloro-3-methylphenol	12.12	107	74053	40.722	ng		91
37) 2-Methylnaphthalene	12.46	142	157742	39.799	ng		99
38) 1-Methylnaphthalene	12.67	142	151132	40.076	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	101600	37.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79687	55.973	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	63099	39.535	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	67968	42.123	ng		96
46) 1,1'-Biphenyl	13.46	154	210095	37.712	ng		99
47) 2-Chloronaphthalene	13.51	162	159479	37.623	ng		99
48) 2-Nitroaniline	13.72	65	49399	38.992	ng		93
49) Acenaphthylene	14.35	152	259443	39.327	ng		100
50) Dimethylphthalate	14.08	163	210889	37.179	ng		97
51) 2,6-Dinitrotoluene	14.21	165	47800	38.790	ng		94
52) Acenaphthene	14.69	154	154898	38.502	ng		93
53) 3-Nitroaniline	14.55	138	33557	28.205	ng	#	94
54) 2,4-Dinitrophenol	14.75	184	39357	53.773	ng		97
55) Dibenzofuran	15.03	168	256659	39.340	ng		98
56) 4-Nitrophenol	14.89	139	60294	75.624	ng		93
57) 2,4-Dinitrotoluene	14.99	165	69011	39.187	ng	#	92
58) Fluorene	15.68	166	213242	38.970	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	66381m	38.721	ng		
60) Diethylphthalate	15.44	149	209990	36.844	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	120389	37.714	ng		97
62) 4-Nitroaniline	15.71	138	45410	36.958	ng		97
63) Azobenzene	15.96	77	178286	38.652	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37400	37.402	ng		92
66) n-Nitrosodiphenylamine	15.88	169	187222	39.028	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	84997	37.170	ng		92
68) Hexachlorobenzene	16.69	284	94362	35.950	ng		99
69) Atrazine	16.83	200	80477	48.279	ng		98
70) Pentachlorophenol	17.04	266	68903	57.609	ng		97
71) Phenanthrene	17.41	178	338988	38.960	ng		99
72) Anthracene	17.51	178	349494	40.146	ng		99
73) Carbazole	17.79	167	318338	40.380	ng		97
74) Di-n-butylphthalate	18.33	149	372455	38.937	ng		99
75) Fluoranthene	19.42	202	453631	39.991	ng		99
77) Benzidine	19.61	184	171967	44.935	ng		99
78) Pyrene	19.79	202	464293	39.445	ng		100
80) Butylbenzylphthalate	20.67	149	174983	39.239	ng		97
81) Benzo(a)anthracene	21.62	228	475548	39.923	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	159298	34.576	ng		99
83) Chrysene	21.69	228	464582	39.255	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	253872	40.076	ng		99
85) Di-n-octyl phthalate	22.71	149	442360	41.160	ng		97
86) Indeno(1,2,3-cd)pyrene	28.44	276	600680	40.434	ng		98
88) Benzo(b)fluoranthene	23.81	252	496141	40.591	ng		99
89) Benzo(k)fluoranthene	23.88	252	521689	42.397	ng		98
90) Benzo(a)pyrene	24.67	252	470839	40.339	ng		100
91) Dibenzo(a,h)anthracene	28.50	278	505268	42.322	ng		99
92) Benzo(g,h,i)perylene	29.58	276	505569	42.931	ng		97

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

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