Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040369.D
Acq On : 4 Apr 2019 21:18
Operator : JU/SJ
Sample : PB118610BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118610BS

Manual Integrations APPROVED
Sohil
4/5/2019 12:24:56 PM

Quant Time: Apr 05 02:30:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58742	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	229106	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	140882	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	375866	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	413580	20.00	ng		-0.04
87) Perylene-d12	24.97	264	418596	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	473401	133.97	ng		-0.02
7) Phenol-d6	7.21	99	631301	129.27	ng		-0.02
23) Nitrobenzene-d5	9.22	82	371474	86.18	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	237498	155.99	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	826004	86.88	ng		-0.02
79) Terphenyl-d14	20.02	244	1493989	81.26	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	68058	40.961	ng		93
3) Pyridine	3.89	79	163467	36.541	ng		100
4) n-Nitrosodimethylamine	3.82	42	77429	37.417	ng	#	87
6) Aniline	7.38	93	169813	26.765	ng		96
8) 2-Chlorophenol	7.61	128	164341	39.731	ng		97
9) Benzaldehyde	7.19	77	107406	32.064	ng		97
10) Phenol	7.23	94	214502	40.468	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	155345	36.591	ng		99
12) 1,3-Dichlorobenzene	7.93	146	174223	38.747	ng		96
13) 1,4-Dichlorobenzene	8.08	146	173030	38.637	ng		99
14) 1,2-Dichlorobenzene	8.40	146	162510	37.946	ng		96
15) Benzyl Alcohol	8.29	79	142975	36.354	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292650	35.918	ng		98
17) 2-Methylphenol	8.49	107	143672	39.171	ng		96
18) Hexachloroethane	9.12	117	63345	37.186	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	116776	33.352	ng		97
20) 3+4-Methylphenols	8.81	107	197175	39.682	ng		98
22) Acetophenone	8.87	105	233515	40.860	ng	#	98
24) Nitrobenzene	9.26	77	178237	39.933	ng		97
25) Isophorone	9.77	82	339608	38.293	ng		99
26) 2-Nitrophenol	9.97	139	88409	41.802	ng		94
27) 2,4-Dimethylphenol	10.02	122	153477	45.685	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	207055	39.462	ng		98
29) 2,4-Dichlorophenol	10.50	162	160056	43.894	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	167174	41.752	ng		95
31) Naphthalene	10.91	128	485069	41.306	ng		99
32) Benzoic acid	10.15	122	69823	34.400	ng		98
33) 4-Chloroaniline	11.03	127	123097	24.574	ng		96
34) Hexachlorobutadiene	11.17	225	98727	38.555	ng		100
35) Caprolactam	11.81	113	58135m	40.174	ng		
36) 4-Chloro-3-methylphenol	12.14	107	179890	42.912	ng		97
37) 2-Methylnaphthalene	12.51	142	358189	41.241	ng		99
38) 1-Methylnaphthalene	12.73	142	340825	40.468	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181745	40.589	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	213026	86.645	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	129933	45.007	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	144090	45.791	ng		98
46) 1,1'-Biphenyl	13.51	154	454252	40.808	ng		98
47) 2-Chloronaphthalene	13.56	162	349912	40.980	ng		98
48) 2-Nitroaniline	13.77	65	123847	43.000	ng		90
49) Acenaphthylene	14.40	152	590253	40.772	ng		99
50) Dimethylphthalate	14.13	163	462754	41.969	ng		100
51) 2,6-Dinitrotoluene	14.26	165	109475	44.219	ng		90
52) Acenaphthene	14.74	154	339354	40.908	ng		98
53) 3-Nitroaniline	14.60	138	80318	30.648	ng		92
54) 2,4-Dinitrophenol	14.80	184	113337	86.080	ng		92
55) Dibenzofuran	15.07	168	570925	42.831	ng		99
56) 4-Nitrophenol	14.90	139	193330	91.406	ng		98
57) 2,4-Dinitrotoluene	15.04	165	155539	45.214	ng	#	95
58) Fluorene	15.73	166	448010	42.749	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138978	48.671	ng		99
60) Diethylphthalate	15.48	149	493592	43.747	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	236471	42.213	ng		96
62) 4-Nitroaniline	15.76	138	129719	46.124	ng		98
63) Azobenzene	16.00	77	451167	42.393	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	86482	40.954	ng		97
66) n-Nitrosodiphenylamine	15.93	169	434540	39.508	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	160049	37.838	ng		96
68) Hexachlorobenzene	16.72	284	165643	38.949	ng		96
69) Atrazine	16.87	200	163667	40.002	ng		98
70) Pentachlorophenol	17.07	266	198584	80.766	ng		96
71) Phenanthrene	17.46	178	806773	40.836	ng		99
72) Anthracene	17.56	178	830932	42.021	ng		99
73) Carbazole	17.83	167	808882	43.223	ng		100
74) Di-n-butylphthalate	18.36	149	935417	42.168	ng		100
75) Fluoranthene	19.47	202	1042168	44.549	ng		99
77) Benzidine	19.66	184	420832	28.178	ng		98
78) Pyrene	19.83	202	1054709	38.780	ng		99
80) Butylbenzylphthalate	20.70	149	464904	39.946	ng		97
81) Benzo(a)anthracene	21.68	228	986873	38.740	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	255346	26.350	ng		99
83) Chrysene	21.74	228	979641	40.014	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	654834	39.361	ng		99
85) Di-n-octyl phthalate	22.76	149	1137699	40.138	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1233180	41.184	ng		99
88) Benzo(b)fluoranthene	23.92	252	1072127	41.834	ng		99
89) Benzo(k)fluoranthene	23.99	252	1047265	44.436	ng		98
90) Benzo(a)pyrene	24.81	252	1057433	43.976	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	998499	44.710	ng		98
92) Benzo(g,h,i)perylene	29.91	276	1035429	45.114	ng		97

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

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