Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
Data File : BG046572.D
Acq On : 9 Sep 2020 14:28
Operator : CG/JU
Sample : PB131497BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Manual Integrations APPROVED
mohammad
9/10/2020 10:35:54 AM

Quant Time: Sep 09 15:08:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73708	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	307959	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	209538	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	491133	20.00	ng		0.00
76) Chrysene-d12	21.55	240	473106	20.00	ng		0.00
86) Perylene-d12	24.65	264	478774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	444514	106.82	ng		0.00
7) Phenol-d6	7.11	99	583048	98.83	ng		0.00
23) Nitrobenzene-d5	9.09	82	376313	69.84	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	269732	95.01	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1004029	73.15	ng		0.00
79) Terphenyl-d14	19.91	244	1502700	67.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	82877	47.869	ng		98
3) Pyridine	3.81	79	120209	23.730	ng		98
4) n-Nitrosodimethylamine	3.72	42	70804	37.898	ng		94
6) Aniline	7.25	93	246472	37.128	ng		99
8) 2-Chlorophenol	7.49	128	192752	43.824	ng		99
9) Benzaldehyde	7.06	77	123526	37.373	ng		97
10) Phenol	7.13	94	237862	43.776	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	172400	39.473	ng		100
12) 1,3-Dichlorobenzene	7.82	146	204446	36.612	ng		99
13) 1,4-Dichlorobenzene	7.96	146	207082	37.042	ng		98
14) 1,2-Dichlorobenzene	8.28	146	206162	38.460	ng		99
15) Benzyl Alcohol	8.16	79	165365	43.661	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	268729	39.667	ng		99
17) 2-Methylphenol	8.37	107	169321	43.940	ng		100
18) Hexachloroethane	9.01	117	69906	36.879	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	145171	41.139	ng		99
20) 3+4-Methylphenols	8.70	107	233900	43.976	ng		99
22) Acetophenone	8.74	105	278140	37.103	ng		98
24) Nitrobenzene	9.13	77	207441	38.970	ng		96
25) Isophorone	9.65	82	402753	40.771	ng		99
26) 2-Nitrophenol	9.84	139	114443	40.748	ng	#	94
27) 2,4-Dimethylphenol	9.90	122	185251	47.957	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	245581	38.624	ng		98
29) 2,4-Dichlorophenol	10.38	162	216926	42.126	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	223730	36.618	ng		99
31) Naphthalene	10.78	128	579321	38.528	ng		100
32) Benzoic acid	10.06	122	79656	32.056	ng		99
33) 4-Chloroaniline	10.88	127	194293	29.303	ng		98
34) Hexachlorobutadiene	11.07	225	142696	35.977	ng		99
35) Caprolactam	11.65	113	71009m	36.890	ng		
36) 4-Chloro-3-methylphenol	12.01	107	213128	42.317	ng		94
37) 2-Methylnaphthalene	12.38	142	469568	39.596	ng		100
38) 1-Methylnaphthalene	12.60	142	444860	39.602	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	277497	40.160	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	312015	103.848	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	190315	40.814	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	205728	41.992	ng	98
46) 1,1'-Biphenyl	13.39	154	613542	42.085	ng	100
47) 2-Chloronaphthalene	13.43	162	474683	38.403	ng	99
48) 2-Nitroaniline	13.63	65	134245	39.113	ng	99
49) Acenaphthylene	14.28	152	772003	41.174	ng	99
50) Dimethylphthalate	14.02	163	627867	38.731	ng	100
51) 2,6-Dinitrotoluene	14.13	165	145219	40.639	ng	98
52) Acenaphthene	14.62	154	456629	39.300	ng	99
53) 3-Nitroaniline	14.46	138	114822	29.664	ng	99
54) 2,4-Dinitrophenol	14.67	184	154783	74.206	ng	97
55) Dibenzofuran	14.96	168	743817	39.890	ng	99
56) 4-Nitrophenol	14.78	139	223980	78.625	ng	97
57) 2,4-Dinitrotoluene	14.92	165	202147	39.673	ng	98
58) Fluorene	15.61	166	612862	39.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195932	41.184	ng	98
60) Diethylphthalate	15.38	149	615161	38.921	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	339589	39.400	ng	97
62) 4-Nitroaniline	15.63	138	143069	35.029	ng	99
63) Azobenzene	15.89	77	521216	40.540	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	123675	44.490	ng	98
66) n-Nitrosodiphenylamine	15.81	169	560170	42.278	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	234984	41.010	ng	99
68) Hexachlorobenzene	16.62	284	245101	38.624	ng	98
69) Atrazine	16.76	200	202614	37.485	ng	100
70) Pentachlorophenol	16.96	266	270104	81.466	ng	99
71) Phenanthrene	17.35	178	989278	39.740	ng	100
72) Anthracene	17.43	178	1023179	41.658	ng	99
73) Carbazole	17.70	167	913572	39.396	ng	100
74) Di-n-butylphthalate	18.27	149	1047303	39.275	ng	100
75) Fluoranthene	19.36	202	1229411	38.376	ng	99
77) Benzidine	19.53	184	594615	54.088	ng	99
78) Pyrene	19.71	202	1216626	40.383	ng	99
80) Butylbenzylphthalate	20.61	149	468717	39.887	ng	100
81) Benzo(a)anthracene	21.53	228	1168705	39.632	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	379349	34.665	ng	98
83) Chrysene	21.59	228	1117150	39.384	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	652019	40.658	ng	100
85) Di-n-octyl phthalate	22.62	149	1132203	41.232	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1407166	40.922	ng	100
88) Benzo(b)fluoranthene	23.67	252	1213108	40.579	ng	98
89) Benzo(k)fluoranthene	23.73	252	1161736	40.209	ng	99
90) Benzo(a)pyrene	24.51	252	1119242	40.118	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1151602	41.501	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1177440	42.492	ng	98

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

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