Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
Data File : BG046598.D
Acq On : 11 Sep 2020 16:05
Operator : CG/JU
Sample : PB131544BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131544BS

Manual Integrations APPROVED
mohammad
9/14/2020 12:13:07 PM

Quant Time: Sep 11 17:07:28 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	76646	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	309960	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	214411	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	483524	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480641	20.00	ng	0.00
86) Perylene-d12	24.64	264	478956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	454934	105.13	ng	0.00
7) Phenol-d6	7.11	99	596587	97.25	ng	0.00
23) Nitrobenzene-d5	9.08	82	382794	70.59	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269915	92.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1000348	71.22	ng	0.00
79) Terphenyl-d14	19.91	244	1500682	66.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	86059	47.801	ng	96
3) Pyridine	3.80	79	124142	23.568	ng	99
4) n-Nitrosodimethylamine	3.72	42	73188	37.672	ng	92
6) Aniline	7.25	93	247961	35.920	ng	98
8) 2-Chlorophenol	7.49	128	197251	43.128	ng	97
9) Benzaldehyde	7.07	77	125731	36.582	ng	96
10) Phenol	7.13	94	241214	42.691	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	178466	39.295	ng	98
12) 1,3-Dichlorobenzene	7.82	146	209677	36.109	ng	99
13) 1,4-Dichlorobenzene	7.96	146	210906	36.280	ng	97
14) 1,2-Dichlorobenzene	8.28	146	208688	37.439	ng	99
15) Benzyl Alcohol	8.16	79	165918	42.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265235	37.650	ng	98
17) 2-Methylphenol	8.38	107	172225	42.980	ng	98
18) Hexachloroethane	9.01	117	71264	36.155	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	145389	39.622	ng	98
20) 3+4-Methylphenols	8.70	107	235929	42.657	ng	97
22) Acetophenone	8.75	105	278600	36.925	ng	99
24) Nitrobenzene	9.12	77	205203	38.300	ng	98
25) Isophorone	9.65	82	399369	40.167	ng	99
26) 2-Nitrophenol	9.83	139	115676	40.921	ng	96
27) 2,4-Dimethylphenol	9.90	122	187555	48.240	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	247779	38.718	ng	98
29) 2,4-Dichlorophenol	10.38	162	216042	41.683	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	226346	36.807	ng	99
31) Naphthalene	10.77	128	587303	38.806	ng	99
32) Benzoic acid	10.06	122	72691	29.833	ng	99
33) 4-Chloroaniline	10.88	127	194818	29.193	ng	98
34) Hexachlorobutadiene	11.07	225	144256	36.136	ng	99
35) Caprolactam	11.65	113	69796m	36.026	ng	
36) 4-Chloro-3-methylphenol	12.01	107	210832	41.590	ng	95
37) 2-Methylnaphthalene	12.38	142	472185	39.560	ng	99
38) 1-Methylnaphthalene	12.60	142	444495	39.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	280348	39.650	ng	98

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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)
41) Hexachlorocyclopentadiene	12.74	237	292508	95.143 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	186321	39.050 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	202187	40.332 ng	99
46) 1,1'-Biphenyl	13.39	154	612544	41.062 ng	99
47) 2-Chloronaphthalene	13.43	162	474317	37.501 ng	99
48) 2-Nitroaniline	13.63	65	134030	38.163 ng	95
49) Acenaphthylene	14.28	152	764837	39.865 ng	100
50) Dimethylphthalate	14.02	163	626954	37.796 ng	99
51) 2,6-Dinitrotoluene	14.13	165	143409	39.220 ng	99
52) Acenaphthene	14.62	154	452217	38.036 ng	99
53) 3-Nitroaniline	14.46	138	116828	29.496 ng	99
54) 2,4-Dinitrophenol	14.67	184	142775	66.894 ng	98
55) Dibenzofuran	14.96	168	748093	39.208 ng	99
56) 4-Nitrophenol	14.79	139	217496	74.613 ng	98
57) 2,4-Dinitrotoluene	14.92	165	201470	38.642 ng	100
58) Fluorene	15.61	166	609407	38.055 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	193988	39.849 ng	98
60) Diethylphthalate	15.38	149	608411	37.619 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	336484	38.152 ng	98
62) 4-Nitroaniline	15.63	138	142963	34.208 ng	98
63) Azobenzene	15.89	77	518104	39.382 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	118085	43.148 ng	97
66) n-Nitrosodiphenylamine	15.81	169	558677	42.829 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	234642	41.595 ng	96
68) Hexachlorobenzene	16.62	284	244930	39.204 ng	98
69) Atrazine	16.76	200	201982	37.956 ng	99
70) Pentachlorophenol	16.96	266	264531	81.041 ng	100
71) Phenanthrene	17.34	178	979827	39.979 ng	99
72) Anthracene	17.44	178	1012776	41.884 ng	100
73) Carbazole	17.70	167	905627	39.668 ng	99
74) Di-n-butylphthalate	18.26	149	1026131	39.087 ng	99
75) Fluoranthene	19.35	202	1215967	38.553 ng	100
77) Benzidine	19.53	184	555108	49.702 ng	98
78) Pyrene	19.72	202	1213606	39.652 ng	99
80) Butylbenzylphthalate	20.60	149	468724	39.262 ng	97
81) Benzo(a)anthracene	21.53	228	1185594	39.575 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	384729	34.605 ng	99
83) Chrysene	21.60	228	1120554	38.885 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	653627	40.120 ng	99
85) Di-n-octyl phthalate	22.62	149	1142320	40.949 ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1424876	41.421 ng	100
88) Benzo(b)fluoranthene	23.67	252	1229036	41.096 ng	99
89) Benzo(k)fluoranthene	23.74	252	1173217	40.591 ng	99
90) Benzo(a)pyrene	24.50	252	1129091	40.456 ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1171461	42.200 ng	98
92) Benzo(g,h,i)perylene	29.26	276	1192184	43.008 ng	98

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

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