Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044831.D
Acq On : 17 Mar 2020 13:15
Operator : CG/JU
Sample : PB127559BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:06 PM

Quant Time: Mar 17 17:09:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83255	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	323677	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	235473	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	542548	20.00	ng		0.00
76) Chrysene-d12	21.70	240	450542	20.00	ng		0.00
87) Perylene-d12	24.90	264	503044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	602697	112.69	ng		0.00
7) Phenol-d6	7.21	99	854997	110.03	ng		0.00
23) Nitrobenzene-d5	9.20	82	479333	64.98	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	372201	120.72	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1053346	64.06	ng		0.00
79) Terphenyl-d14	20.04	244	1667407	69.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	92086	35.755	ng		95
3) Pyridine	3.91	79	227838	29.883	ng		96
4) n-Nitrosodimethylamine	3.82	42	106427	36.790	ng		93
6) Aniline	7.37	93	269260	27.847	ng		98
8) 2-Chlorophenol	7.61	128	220731	41.344	ng		98
9) Benzaldehyde	7.18	77	114947	20.900	ng		97
10) Phenol	7.24	94	311915	40.545	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	219806	35.801	ng		94
12) 1,3-Dichlorobenzene	7.94	146	247796	37.678	ng		99
13) 1,4-Dichlorobenzene	8.08	146	247491	38.064	ng		99
14) 1,2-Dichlorobenzene	8.41	146	233451	37.858	ng		98
15) Benzyl Alcohol	8.28	79	238229	38.210	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	331168	30.565	ng		99
17) 2-Methylphenol	8.49	107	214149	41.095	ng		98
18) Hexachloroethane	9.14	117	96783	37.809	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	191223	34.851	ng		98
20) 3+4-Methylphenols	8.81	107	295434	41.127	ng		97
22) Acetophenone	8.87	105	343953	37.509	ng	#	99
24) Nitrobenzene	9.25	77	288067	37.638	ng		99
25) Isophorone	9.77	82	545101	37.864	ng		98
26) 2-Nitrophenol	9.96	139	124612	47.025	ng		93
27) 2,4-Dimethylphenol	10.02	122	223082	47.584	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	311127	36.214	ng		98
29) 2,4-Dichlorophenol	10.50	162	241408	44.086	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	245035	37.424	ng		96
31) Naphthalene	10.91	128	684551	38.179	ng		98
32) Benzoic acid	10.15	122	133480	38.855	ng		94
33) 4-Chloroaniline	11.00	127	182565	22.600	ng		98
34) Hexachlorobutadiene	11.20	225	160174	37.200	ng		96
35) Caprolactam	11.77	113	92397m	44.566	ng		
36) 4-Chloro-3-methylphenol	12.12	107	278588	42.658	ng		96
37) 2-Methylnaphthalene	12.51	142	524286	39.090	ng		95
38) 1-Methylnaphthalene	12.73	142	494961	39.253	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	278744	35.945	ng		97

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Quant Time: Mar 17 17:09:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	379367	89.514	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	210101	40.824	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	224680	42.097	ng		95
46) 1,1'-Biphenyl	13.52	154	661090	35.132	ng		99
47) 2-Chloronaphthalene	13.56	162	500514	34.819	ng		96
48) 2-Nitroaniline	13.75	65	194043	38.558	ng		94
49) Acenaphthylene	14.40	152	854193	37.930	ng		98
50) Dimethylphthalate	14.13	163	700818	37.368	ng		99
51) 2,6-Dinitrotoluene	14.25	165	159973	42.318	ng		96
52) Acenaphthene	14.74	154	611735	41.477	ng		98
53) 3-Nitroaniline	14.57	138	111521	25.659	ng		87
54) 2,4-Dinitrophenol	14.78	184	184068	91.809	ng		95
55) Dibenzofuran	15.08	168	817859	38.240	ng		99
56) 4-Nitrophenol	14.88	139	300504	90.597	ng		98
57) 2,4-Dinitrotoluene	15.03	165	223724	43.152	ng		98
58) Fluorene	15.73	166	670382	38.104	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	215011	43.756	ng		94
60) Diethylphthalate	15.50	149	728135	37.225	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	367566	38.800	ng		96
62) 4-Nitroaniline	15.74	138	163462	35.271	ng		96
63) Azobenzene	16.01	77	722156	35.552	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	135998	52.419	ng		98
66) n-Nitrosodiphenylamine	15.93	169	612548	37.500	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	246959	36.411	ng		96
68) Hexachlorobenzene	16.74	284	269258	36.592	ng		97
69) Atrazine	16.88	200	262967	43.941	ng		99
70) Pentachlorophenol	17.08	266	344451	85.077	ng		99
71) Phenanthrene	17.47	178	1085792	37.450	ng		99
72) Anthracene	17.56	178	1112828	38.926	ng		99
73) Carbazole	17.82	167	1039256	37.844	ng		98
74) Di-n-butylphthalate	18.39	149	1258397	37.696	ng		100
75) Fluoranthene	19.47	202	1319509	38.223	ng		99
77) Benzidine	19.64	184	487838	33.353	ng		99
78) Pyrene	19.83	202	1344107	40.663	ng		99
80) Butylbenzylphthalate	20.73	149	540971	36.787	ng		99
81) Benzo(a)anthracene	21.68	228	1225534	37.776	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	337852	26.919	ng		98
83) Chrysene	21.74	228	1158426	37.381	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	752095	37.058	ng		99
85) Di-n-octyl phthalate	22.82	149	1275534	37.558	ng		100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1478748	36.397	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1261809	37.995	ng		99
89) Benzo(k)fluoranthene	23.96	252	1237404	39.373	ng		100
90) Benzo(a)pyrene	24.76	252	1161374	37.374	ng		98
91) Dibenzo(a,h)anthracene	28.62	278	1205995	39.338	ng		98
92) Benzo(g,h,i)perylene	29.70	276	1234035	39.842	ng		97

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

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