Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046517.D
Acq On : 3 Sep 2020 15:26
Operator : CG/JU
Sample : PB131395BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131395BS

Manual Integrations APPROVED
mohammad
9/4/2020 1:54:43 PM

Quant Time: Sep 03 17:16:26 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	73902	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	296595	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	199121	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	473289	20.00	ng		0.00
76) Chrysene-d12	21.55	240	500914	20.00	ng		0.00
86) Perylene-d12	24.66	264	499433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	471785	113.07	ng		0.00
7) Phenol-d6	7.11	99	611988	103.47	ng		0.00
23) Nitrobenzene-d5	9.09	82	484621	93.39	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	247958	91.91	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1202019	92.15	ng		0.00
79) Terphenyl-d14	19.92	244	1651413	70.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	63146	36.377	ng		97
3) Pyridine	3.81	79	141456	27.852	ng		98
4) n-Nitrosodimethylamine	3.72	42	76206	40.682	ng		99
6) Aniline	7.25	93	214819	32.275	ng		99
8) 2-Chlorophenol	7.50	128	180441	40.917	ng		100
9) Benzaldehyde	7.07	77	109591	33.070	ng		97
10) Phenol	7.13	94	227858	41.825	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	170287	38.887	ng		98
12) 1,3-Dichlorobenzene	7.82	146	210445	37.587	ng		96
13) 1,4-Dichlorobenzene	7.96	146	210095	37.482	ng		99
14) 1,2-Dichlorobenzene	8.28	146	196559	36.572	ng		99
15) Benzyl Alcohol	8.16	79	154410	40.661	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	257723	37.942	ng		99
17) 2-Methylphenol	8.38	107	160532	41.550	ng		99
18) Hexachloroethane	9.01	117	71871	37.816	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	133565	37.751	ng		97
20) 3+4-Methylphenols	8.70	107	217336	40.754	ng		100
22) Acetophenone	8.75	105	263755	36.533	ng	#	98
24) Nitrobenzene	9.13	77	194034	37.848	ng		97
25) Isophorone	9.65	82	362987	38.153	ng		99
26) 2-Nitrophenol	9.84	139	105448	38.984	ng		95
27) 2,4-Dimethylphenol	9.90	122	170347	45.789	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	224151	36.604	ng		99
29) 2,4-Dichlorophenol	10.38	162	196217	39.564	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	214026	36.372	ng		99
31) Naphthalene	10.78	128	544717	37.614	ng		100
32) Benzoic acid	10.05	122	66674	28.923	ng		99
33) 4-Chloroaniline	10.88	127	160343	25.109	ng		97
34) Hexachlorobutadiene	11.07	225	135000	35.341	ng		99
35) Caprolactam	11.65	113	62438m	33.680	ng		
36) 4-Chloro-3-methylphenol	12.01	107	185395	38.221	ng		97
37) 2-Methylnaphthalene	12.38	142	428881	37.551	ng		100
38) 1-Methylnaphthalene	12.61	142	401209	37.085	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251329	38.276	ng		99

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Quant Time: Sep 03 17:16:26 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)
41) Hexachlorocyclopentadiene	12.74	237	284737	99.727 ng	96
43) 2,4,6-Trichlorophenol	12.99	196	169157	38.175 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	178835	38.413 ng	98
46) 1,1'-Biphenyl	13.39	154	542302	39.145 ng	100
47) 2-Chloronaphthalene	13.43	162	422256	35.949 ng	99
48) 2-Nitroaniline	13.63	65	114371	35.066 ng	99
49) Acenaphthylene	14.28	152	682249	38.290 ng	100
50) Dimethylphthalate	14.02	163	545340	35.400 ng	100
51) 2,6-Dinitrotoluene	14.13	165	125137	36.851 ng	99
52) Acenaphthene	14.63	154	399471	36.180 ng	99
53) 3-Nitroaniline	14.46	138	91977	25.005 ng	97
54) 2,4-Dinitrophenol	14.67	184	152251	76.811 ng	96
55) Dibenzofuran	14.96	168	648899	36.621 ng	99
56) 4-Nitrophenol	14.79	139	201029	74.260 ng	100
57) 2,4-Dinitrotoluene	14.92	165	176444	36.440 ng	98
58) Fluorene	15.61	166	535424	36.002 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	165526	36.613 ng	97
60) Diethylphthalate	15.38	149	530969	35.351 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	291994	35.650 ng	99
62) 4-Nitroaniline	15.63	138	125903	32.439 ng	97
63) Azobenzene	15.90	77	446797	36.570 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	113321	42.302 ng	98
66) n-Nitrosodiphenylamine	15.81	169	481929	37.744 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	200639	36.336 ng	98
68) Hexachlorobenzene	16.62	284	212237	34.706 ng	97
69) Atrazine	16.77	200	176654	33.914 ng	99
70) Pentachlorophenol	16.96	266	253124	79.223 ng	99
71) Phenanthrene	17.35	178	872708	36.379 ng	99
72) Anthracene	17.44	178	896272	37.867 ng	99
73) Carbazole	17.71	167	821960	36.781 ng	99
74) Di-n-butylphthalate	18.27	149	944253	36.746 ng	100
75) Fluoranthene	19.36	202	1140270	36.935 ng	98
77) Benzidine	19.53	184	535459	46.003 ng	99
78) Pyrene	19.72	202	1143571	35.851 ng	99
80) Butylbenzylphthalate	20.61	149	453266	36.431 ng	97
81) Benzo(a)anthracene	21.54	228	1141142	36.549 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	324525	28.009 ng	99
83) Chrysene	21.60	228	1092932	36.391 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	644108	37.935 ng	98
85) Di-n-octyl phthalate	22.62	149	1120559	38.543 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1388069	38.697 ng	100
88) Benzo(b)fluoranthene	23.68	252	1207049	38.706 ng	98
89) Benzo(k)fluoranthene	23.74	252	1140299	37.835 ng	99
90) Benzo(a)pyrene	24.51	252	1099190	37.769 ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1150714	39.753 ng	97
92) Benzo(g,h,i)perylene	29.26	276	1173775	40.607 ng	99

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

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