Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
Data File : BG046458.D
Acq On : 26 Aug 2020 17:50
Operator : CG/JU
Sample : PB131215BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131215BS

Manual Integrations APPROVED
mohammad
8/27/2020 3:14:20 PM

Quant Time: Aug 26 19:02:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62605	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	271055	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	195481	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	503126	20.00	ng	0.00
76) Chrysene-d12	21.56	240	530409	20.00	ng	0.00
86) Perylene-d12	24.66	264	567046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	415011	117.41	ng	0.00
7) Phenol-d6	7.10	99	546325	109.03	ng	0.00
23) Nitrobenzene-d5	9.09	82	345375	72.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	286017	107.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	936885	73.16	ng	0.00
79) Terphenyl-d14	19.92	244	1734156	69.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	44291	30.119	ng	98
3) Pyridine	3.81	79	110970	25.792	ng	98
4) n-Nitrosodimethylamine	3.72	42	65150	41.056	ng	97
6) Aniline	7.26	93	232977	41.319	ng	99
8) 2-Chlorophenol	7.50	128	175727	47.039	ng	99
9) Benzaldehyde	7.07	77	97801	34.838	ng	97
10) Phenol	7.13	94	218573	47.360	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	153567	41.396	ng	98
12) 1,3-Dichlorobenzene	7.83	146	185767	39.166	ng	99
13) 1,4-Dichlorobenzene	7.97	146	187583	39.504	ng	100
14) 1,2-Dichlorobenzene	8.28	146	184958	40.623	ng	99
15) Benzyl Alcohol	8.17	79	149816	46.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	228755	39.755	ng	100
17) 2-Methylphenol	8.38	107	154729	47.274	ng	98
18) Hexachloroethane	9.01	117	62317	38.706	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	130219	43.447	ng	98
20) 3+4-Methylphenols	8.71	107	212763	47.096	ng	100
22) Acetophenone	8.75	105	253272	38.386	ng	99
24) Nitrobenzene	9.13	77	184958	39.477	ng	99
25) Isophorone	9.65	82	364784	41.955	ng	98
26) 2-Nitrophenol	9.84	139	102290	41.380	ng	98
27) 2,4-Dimethylphenol	9.91	122	172455	50.723	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	217853	38.928	ng	99
29) 2,4-Dichlorophenol	10.38	162	196318	43.314	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	202430	37.642	ng	99
31) Naphthalene	10.78	128	533330	40.298	ng	100
32) Benzoic acid	10.04	122	75072	33.707	ng	99
33) 4-Chloroaniline	10.89	127	185060	31.711	ng	96
34) Hexachlorobutadiene	11.08	225	121798	34.889	ng	99
35) Caprolactam	11.65	113	75501m	44.564	ng	
36) 4-Chloro-3-methylphenol	12.02	107	201678	45.495	ng	96
37) 2-Methylnaphthalene	12.39	142	428761	41.078	ng	100
38) 1-Methylnaphthalene	12.61	142	410766	41.546	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	254061	39.412	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	295750	105.513 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	184233	42.351 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	201019	43.982 ng	96
46) 1,1'-Biphenyl	13.40	154	565950	41.613 ng	99
47) 2-Chloronaphthalene	13.44	162	445705	38.652 ng	99
48) 2-Nitroaniline	13.64	65	131658	41.118 ng	98
49) Acenaphthylene	14.28	152	749640	42.856 ng	99
50) Dimethylphthalate	14.02	163	626187	41.405 ng	100
51) 2,6-Dinitrotoluene	14.13	165	145800	43.735 ng	97
52) Acenaphthene	14.63	154	445510	41.101 ng	99
53) 3-Nitroaniline	14.47	138	117425	32.518 ng	99
54) 2,4-Dinitrophenol	14.68	184	172144	88.464 ng	98
55) Dibenzofuran	14.96	168	738973	42.480 ng	99
56) 4-Nitrophenol	14.79	139	254076	95.603 ng	100
57) 2,4-Dinitrotoluene	14.92	165	211210	44.433 ng	99
58) Fluorene	15.61	166	614860	42.113 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	203382	45.824 ng	98
60) Diethylphthalate	15.38	149	622514	42.218 ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	331706	41.252 ng	98
62) 4-Nitroaniline	15.63	138	158352	41.559 ng	99
63) Azobenzene	15.90	77	520508	43.396 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135404	47.548 ng	98
66) n-Nitrosodiphenylamine	15.82	169	570800	42.053 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	238762	40.676 ng	97
68) Hexachlorobenzene	16.62	284	256141	39.401 ng	98
69) Atrazine	16.77	200	221773	40.051 ng	100
70) Pentachlorophenol	16.97	266	319681	94.121 ng	100
71) Phenanthrene	17.35	178	1066212	41.809 ng	99
72) Anthracene	17.44	178	1094113	43.484 ng	99
73) Carbazole	17.71	167	1021253	42.989 ng	99
74) Di-n-butylphthalate	18.27	149	1140161	41.738 ng	99
75) Fluoranthene	19.36	202	1393059	42.448 ng	100
77) Benzidine	19.54	184	745488	60.485 ng	99
78) Pyrene	19.72	202	1397574	41.378 ng	100
80) Butylbenzylphthalate	20.61	149	542815	41.202 ng	98
81) Benzo(a)anthracene	21.54	228	1368364	41.390 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	412125	33.591 ng	99
83) Chrysene	21.60	228	1312260	41.264 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	752210	41.838 ng	99
85) Di-n-octyl phthalate	22.63	149	1318589	42.832 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1665215	40.888 ng	99
88) Benzo(b)fluoranthene	23.68	252	1411128	39.854 ng	98
89) Benzo(k)fluoranthene	23.75	252	1389476	40.605 ng	98
90) Benzo(a)pyrene	24.52	252	1319442	39.932 ng	100
91) Dibenzo(a,h)anthracene	28.24	278	1365874	41.560 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1398607	42.616 ng	99

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

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