Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
Data File : BG045262.D
Acq On : 6 May 2020 20:59
Operator : CG/JU
Sample : L2491-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
6FT-TP-9MS

Manual Integrations APPROVED
Sohil
5/8/2020 5:20:38 PM

Quant Time: May 07 01:34:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64544	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	257859	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	188838	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	428321	20.00	ng		0.00
76) Chrysene-d12	21.64	240	376001	20.00	ng		0.00
87) Perylene-d12	24.82	264	399167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	414828	106.11	ng		0.00
7) Phenol-d6	7.15	99	590363	101.64	ng		0.00
23) Nitrobenzene-d5	9.14	82	376435	66.61	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	288187	98.79	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	903663	70.17	ng		0.00
79) Terphenyl-d14	19.99	244	1441455	83.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	61983	35.675	ng		96
3) Pyridine	3.83	79	138244	25.842	ng		96
4) n-Nitrosodimethylamine	3.75	42	62681	38.249	ng	#	89
6) Aniline	7.31	93	132443	17.537	ng		98
8) 2-Chlorophenol	7.55	128	176379	41.978	ng		98
9) Benzaldehyde	7.11	77	141016	44.453	ng		98
10) Phenol	7.18	94	237064	40.785	ng		99
11) bis(2-Chloroethyl)ether	7.40	93	163635	35.359	ng		97
12) 1,3-Dichlorobenzene	7.88	146	191358	38.649	ng		99
13) 1,4-Dichlorobenzene	8.02	146	189822	38.476	ng		97
14) 1,2-Dichlorobenzene	8.34	146	184442	39.078	ng		97
15) Benzyl Alcohol	8.22	79	180486	37.061	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	153597	33.811	ng		91
17) 2-Methylphenol	8.43	107	160510	35.791	ng		93
18) Hexachloroethane	9.07	117	72715	39.207	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	144706	35.227	ng		98
20) 3+4-Methylphenols	8.76	107	224524	35.768	ng		97
22) Acetophenone	8.80	105	269541	38.654	ng		98
24) Nitrobenzene	9.19	77	222649	38.436	ng		98
25) Isophorone	9.71	82	407001	35.168	ng		98
26) 2-Nitrophenol	9.90	139	100817	40.404	ng		100
27) 2,4-Dimethylphenol	9.97	122	170335	43.023	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	228414	37.565	ng		99
29) 2,4-Dichlorophenol	10.44	162	183383	40.114	ng		97
30) 1,2,4-Trichlorobenzene	10.65	180	206139	39.826	ng		97
31) Naphthalene	10.84	128	549539	38.958	ng		98
32) Benzoic acid	10.11	122	109810	36.148	ng		96
33) 4-Chloroaniline	10.95	127	62965	9.571	ng		95
34) Hexachlorobutadiene	11.14	225	141072	39.752	ng		98
35) Caprolactam	11.71	113	64536m	35.470	ng		
36) 4-Chloro-3-methylphenol	12.08	107	207924	38.716	ng		99
37) 2-Methylnaphthalene	12.45	142	415584	37.957	ng		95
38) 1-Methylnaphthalene	12.67	142	405992	39.278	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	241791	39.768	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	12.80	237	253087	66.599	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	166991	38.916	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	180131	36.879	ng		98
46) 1,1'-Biphenyl	13.46	154	543591	37.873	ng		99
47) 2-Chloronaphthalene	13.50	162	413958	37.745	ng		98
48) 2-Nitroaniline	13.70	65	131928	36.561	ng		97
49) Acenaphthylene	14.35	152	685796	38.390	ng		99
50) Dimethylphthalate	14.08	163	660505	42.957	ng		99
51) 2,6-Dinitrotoluene	14.20	165	125482	36.486	ng		95
52) Acenaphthene	14.69	154	492389m	40.738	ng		
53) 3-Nitroaniline	14.53	138	55897	14.819	ng		97
54) 2,4-Dinitrophenol	14.73	184	124254	60.759	ng	#	89
55) Dibenzofuran	15.02	168	660817	37.501	ng		97
56) 4-Nitrophenol	14.84	139	207392	70.912	ng		98
57) 2,4-Dinitrotoluene	14.98	165	176410	35.099	ng	#	98
58) Fluorene	15.68	166	543338	37.749	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	172256	39.635	ng	#	97
60) Diethylphthalate	15.45	149	568930	35.489	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	300615	36.286	ng		98
62) 4-Nitroaniline	15.69	138	102235	26.132	ng		98
63) Azobenzene	15.96	77	554835	37.539	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	96379	34.233	ng		97
66) n-Nitrosodiphenylamine	15.88	169	483560	39.293	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	205845	37.252	ng		95
68) Hexachlorobenzene	16.69	284	222489	38.823	ng		97
69) Atrazine	16.83	200	184578	40.661	ng		97
70) Pentachlorophenol	17.03	266	266794	75.888	ng		98
71) Phenanthrene	17.42	178	875521	39.778	ng		99
72) Anthracene	17.51	178	886530	40.153	ng		99
73) Carbazole	17.77	167	806099	35.978	ng		98
74) Di-n-butylphthalate	18.34	149	969947	38.953	ng		100
75) Fluoranthene	19.43	202	1034327	39.183	ng		98
77) Benzidine	19.61	184	472910	43.184	ng		97
78) Pyrene	19.79	202	1027940	39.656	ng		99
80) Butylbenzylphthalate	20.68	149	410525	38.207	ng		96
81) Benzo(a)anthracene	21.62	228	959447	39.370	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	242915	25.043	ng	#	97
83) Chrysene	21.69	228	904878	38.645	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	564138	38.175	ng		98
85) Di-n-octyl phthalate	22.74	149	952241	37.263	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1180316	37.967	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	994306	39.766	ng		99
89) Benzo(k)fluoranthene	23.88	252	939198	39.498	ng		98
90) Benzo(a)pyrene	24.66	252	907809	38.455	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	966192	40.617	ng		96
92) Benzo(g,h,i)perylene	29.55	276	974770	40.873	ng		99

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

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