Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045246.D
Acq On : 4 May 2020 23:15
Operator : CG/JU
Sample : L2475-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:38 PM

Quant Time: May 05 02:34:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	92172	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	371908	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	248076	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	502921	20.00	ng		0.00
76) Chrysene-d12	21.65	240	421387	20.00	ng		0.00
87) Perylene-d12	24.84	264	463724	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	406534	72.82	ng		0.00
7) Phenol-d6	7.16	99	583854	70.39	ng		0.00
23) Nitrobenzene-d5	9.15	82	382115	46.88	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	254388	66.38	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	896375	52.98	ng		0.00
79) Terphenyl-d14	20.00	244	1157371	59.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	48705	19.630	ng		94
3) Pyridine	3.85	79	113085	14.803	ng		98
4) n-Nitrosodimethylamine	3.76	42	54022	23.084	ng		90
6) Aniline	7.32	93	177073	16.418	ng		98
8) 2-Chlorophenol	7.56	128	159735	26.622	ng		97
9) Benzaldehyde	7.12	77	132917	24.913	ng		98
10) Phenol	7.19	94	211797	25.516	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	148695	22.500	ng		97
12) 1,3-Dichlorobenzene	7.89	146	176794	25.005	ng		97
13) 1,4-Dichlorobenzene	8.03	146	176281	25.021	ng		96
14) 1,2-Dichlorobenzene	8.35	146	172155	25.542	ng		98
15) Benzyl Alcohol	8.23	79	157086	22.587	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	140470	21.653	ng		93
17) 2-Methylphenol	8.44	107	144714	22.596	ng		95
18) Hexachloroethane	9.08	117	64262	24.263	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	130669	22.275	ng		99
20) 3+4-Methylphenols	8.77	107	195417	21.800	ng		97
22) Acetophenone	8.82	105	246451	24.505	ng	#	99
24) Nitrobenzene	9.19	77	205724	24.623	ng	#	91
25) Isophorone	9.72	82	374975	22.465	ng		98
26) 2-Nitrophenol	9.91	139	90370	25.111	ng		98
27) 2,4-Dimethylphenol	9.97	122	148522	26.010	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	206931	23.595	ng		95
29) 2,4-Dichlorophenol	10.46	162	162991	24.720	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	192371	25.769	ng		95
31) Naphthalene	10.85	128	511862	25.159	ng		100
32) Benzoic acid	10.10	122	73705	20.230	ng		99
33) 4-Chloroaniline	10.95	127	141449	14.908	ng		97
34) Hexachlorobutadiene	11.15	225	133821	26.145	ng		97
35) Caprolactam	11.72	113	51323m	19.558	ng		
36) 4-Chloro-3-methylphenol	12.09	107	180234	23.269	ng		96
37) 2-Methylnaphthalene	12.46	142	386750	24.491	ng		96
38) 1-Methylnaphthalene	12.68	142	359507	24.115	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	222624	27.872	ng		99

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Quant Time: May 05 02:34:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	63334	12.686	ng		96
43) 2,4,6-Trichlorophenol	13.07	196	144785	25.684	ng		92
44) 2,4,5-Trichlorophenol	13.15	196	154393	24.061	ng		97
46) 1,1'-Biphenyl	13.47	154	478711	25.388	ng		99
47) 2-Chloronaphthalene	13.51	162	363613	25.238	ng		99
48) 2-Nitroaniline	13.70	65	113474	23.938	ng		93
49) Acenaphthylene	14.36	152	598751	25.514	ng		98
50) Dimethylphthalate	14.09	163	526417	26.061	ng		99
51) 2,6-Dinitrotoluene	14.20	165	103215	22.845	ng		97
52) Acenaphthene	14.70	154	363125	22.869	ng		95
53) 3-Nitroaniline	14.53	138	84490	17.051	ng		91
54) 2,4-Dinitrophenol	14.74	184	20750	7.724	ng	#	86
55) Dibenzofuran	15.04	168	571617	24.693	ng		99
56) 4-Nitrophenol	14.85	139	162133	42.199	ng		91
57) 2,4-Dinitrotoluene	14.99	165	141319	21.403	ng		96
58) Fluorene	15.68	166	459396	24.296	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	140923	24.683	ng		98
60) Diethylphthalate	15.45	149	464323	22.048	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	248148	22.800	ng		99
62) 4-Nitroaniline	15.70	138	90033	17.518	ng		91
63) Azobenzene	15.97	77	449168	23.133	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	20587	6.228	ng		93
66) n-Nitrosodiphenylamine	15.89	169	394020	27.268	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	166101	25.601	ng		100
68) Hexachlorobenzene	16.70	284	177466	26.374	ng		97
69) Atrazine	16.84	200	140483	24.476	ng		100
70) Pentachlorophenol	17.04	266	204397	49.516	ng		99
71) Phenanthrene	17.43	178	748974	28.981	ng		98
72) Anthracene	17.52	178	716976	27.657	ng		99
73) Carbazole	17.79	167	612031	23.264	ng		96
74) Di-n-butylphthalate	18.35	149	708564	21.584	ng		99
75) Fluoranthene	19.44	202	965030	29.667	ng		98
77) Benzidine	19.61	184	354111	26.575	ng		99
78) Pyrene	19.80	202	938075	32.291	ng		99
80) Butylbenzylphthalate	20.68	149	288120	23.927	ng		97
81) Benzo(a)anthracene	21.63	228	827398	30.294	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	243098	22.363	ng		98
83) Chrysene	21.70	228	781802	29.792	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	418666	25.279	ng		96
85) Di-n-octyl phthalate	22.75	149	693545	24.216	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	789236	22.653	ng	#	94
88) Benzo(b)fluoranthene	23.83	252	843054	29.023	ng		98
89) Benzo(k)fluoranthene	23.90	252	802286	29.043	ng		98
90) Benzo(a)pyrene	24.69	252	776310	28.306	ng	#	97
91) Dibenzo(a,h)anthracene	28.51	278	606026	21.930	ng		96
92) Benzo(g,h,i)perylene	29.58	276	593599	21.425	ng		96

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

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