Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045247.D
Acq On : 4 May 2020 23:55
Operator : CG/JU
Sample : L2475-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:42 PM

Quant Time: May 05 02:42:04 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	98237	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	386962	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	252373	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	506616	20.00	ng		0.00
76) Chrysene-d12	21.66	240	424095	20.00	ng		0.01
87) Perylene-d12	24.85	264	455930	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	704881	118.46	ng		0.01
7) Phenol-d6	7.17	99	989916	111.97	ng		0.02
23) Nitrobenzene-d5	9.16	82	660486	77.88	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	424385	108.85	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1434155	83.33	ng		0.00
79) Terphenyl-d14	20.00	244	1788679	91.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	83562	31.599	ng		98
3) Pyridine	3.86	79	190717	23.424	ng		96
4) n-Nitrosodimethylamine	3.77	42	90961	36.468	ng		91
6) Aniline	7.32	93	310722	27.032	ng		99
8) 2-Chlorophenol	7.56	128	267870	41.887	ng		97
9) Benzaldehyde	7.13	77	229521	49.004	ng		98
10) Phenol	7.19	94	357728	40.436	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	252287	35.818	ng		97
12) 1,3-Dichlorobenzene	7.89	146	303102	40.222	ng		97
13) 1,4-Dichlorobenzene	8.03	146	301923	40.209	ng		97
14) 1,2-Dichlorobenzene	8.35	146	286097	39.826	ng		94
15) Benzyl Alcohol	8.23	79	275937	37.227	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	240262	34.749	ng		95
17) 2-Methylphenol	8.45	107	242278	35.495	ng		94
18) Hexachloroethane	9.09	117	112453	39.837	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	222129	35.528	ng		98
20) 3+4-Methylphenols	8.77	107	332420	34.794	ng		98
22) Acetophenone	8.82	105	419083	40.048	ng	#	98
24) Nitrobenzene	9.20	77	337534	38.828	ng		97
25) Isophorone	9.72	82	613329	35.315	ng		100
26) 2-Nitrophenol	9.91	139	152456	40.715	ng		96
27) 2,4-Dimethylphenol	9.98	122	254882	42.899	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	345365	37.848	ng		100
29) 2,4-Dichlorophenol	10.45	162	278279	40.563	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	317356	40.857	ng		95
31) Naphthalene	10.85	128	859146	40.586	ng		99
32) Benzoic acid	10.13	122	150733	33.608	ng		98
33) 4-Chloroaniline	10.96	127	223711	22.660	ng		98
34) Hexachlorobutadiene	11.15	225	219895	41.291	ng		96
35) Caprolactam	11.73	113	85952m	31.479	ng		
36) 4-Chloro-3-methylphenol	12.09	107	301879	37.457	ng		98
37) 2-Methylnaphthalene	12.46	142	640357	38.973	ng		97
38) 1-Methylnaphthalene	12.68	142	590345	38.059	ng	#	92
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	366339	45.084	ng		99

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Quant Time: May 05 02:42:04 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	106552	20.980 ng		95
43) 2,4,6-Trichlorophenol	13.07	196	241042	42.031 ng		94
44) 2,4,5-Trichlorophenol	13.14	196	252677	38.708 ng		99
46) 1,1'-Biphenyl	13.47	154	780934	40.712 ng		100
47) 2-Chloronaphthalene	13.51	162	603552	41.178 ng		99
48) 2-Nitroaniline	13.71	65	185636	38.494 ng		97
49) Acenaphthylene	14.36	152	973155	40.762 ng		100
50) Dimethylphthalate	14.09	163	840584	40.906 ng		99
51) 2,6-Dinitrotoluene	14.20	165	170894	37.181 ng		95
52) Acenaphthene	14.70	154	608754m	37.686 ng		
53) 3-Nitroaniline	14.54	138	140131	27.798 ng		99
54) 2,4-Dinitrophenol	14.74	184	58484	21.398 ng		97
55) Dibenzofuran	15.04	168	918992	39.023 ng		97
56) 4-Nitrophenol	14.86	139	273746	70.036 ng		95
57) 2,4-Dinitrotoluene	15.00	165	231898	34.524 ng		99
58) Fluorene	15.69	166	729242	37.910 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	232661	40.057 ng		98
60) Diethylphthalate	15.45	149	743187	34.688 ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	404130	36.500 ng		99
62) 4-Nitroaniline	15.70	138	147751	28.258 ng		88
63) Azobenzene	15.97	77	725404	36.724 ng		99
65) 4,6-Dinitro-2-methylphenol	15.76	198	47150	14.159 ng		96
66) n-Nitrosodiphenylamine	15.89	169	643571	44.213 ng		99
67) 4-Bromophenyl-phenylether	16.58	248	264854	40.524 ng		96
68) Hexachlorobenzene	16.70	284	284881	42.028 ng		98
69) Atrazine	16.85	200	226379	42.359 ng		96
70) Pentachlorophenol	17.04	266	347305	83.522 ng		97
71) Phenanthrene	17.43	178	1358341	52.176 ng		98
72) Anthracene	17.52	178	1167220	44.696 ng		100
73) Carbazole	17.79	167	1005705	37.950 ng		98
74) Di-n-butylphthalate	18.35	149	1104901	37.257 ng		99
75) Fluoranthene	19.44	202	1702407	57.325 ng		98
77) Benzidine	19.61	184	495419	39.620 ng		98
78) Pyrene	19.80	202	1609338	55.044 ng		99
80) Butylbenzylphthalate	20.69	149	459907	37.949 ng		98
81) Benzo(a)anthracene	21.64	228	1411502	51.351 ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	382786	34.988 ng		99
83) Chrysene	21.70	228	1322830	50.088 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	667354	40.038 ng		98
85) Di-n-octyl phthalate	22.75	149	1091206	37.858 ng		97
86) Indeno(1,2,3-cd)pyrene	28.48	276	1162027	33.140 ng	#	96
88) Benzo(b)fluoranthene	23.84	252	1483237	51.935 ng		99
89) Benzo(k)fluoranthene	23.90	252	1297203	47.762 ng		99
90) Benzo(a)pyrene	24.69	252	1294135	47.994 ng		99
91) Dibenzo(a,h)anthracene	28.54	278	920455	33.877 ng		98
92) Benzo(g,h,i)perylene	29.59	276	864352	31.731 ng		97

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

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