Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044445.D
Acq On : 14 Feb 2020 19:18
Operator : CG/JU
Sample : L1525-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Manual Integrations APPROVED
mohammad
2/17/2020 3:48:37 PM

Quant Time: Feb 17 00:18:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	64431	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	265347	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175290	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	410105	20.00	ng	-0.01
76) Chrysene-d12	21.53	240	409466	20.00	ng	-0.01
87) Perylene-d12	24.60	264	443823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	490737	134.42	ng	0.00
7) Phenol-d6	7.07	99	646423	131.86	ng	0.00
23) Nitrobenzene-d5	9.05	82	381772	81.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	274519	133.40	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881306	84.19	ng	0.00
79) Terphenyl-d14	19.89	244	1466514	73.67	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	68575	41.807	ng	99
3) Pyridine	3.75	79	169566	38.801	ng	97
4) n-Nitrosodimethylamine	3.66	42	86338	47.279	ng	97
6) Aniline	7.22	93	165905	27.263	ng	99
8) 2-Chlorophenol	7.47	128	213820	53.291	ng	97
9) Benzaldehyde	7.02	77	90010	32.237	ng	97
10) Phenol	7.10	94	258953	53.372	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	196055	47.265	ng	97
12) 1,3-Dichlorobenzene	7.78	146	224333	46.828	ng	98
13) 1,4-Dichlorobenzene	7.93	146	224452	47.305	ng	99
14) 1,2-Dichlorobenzene	8.25	146	212569	47.398	ng	100
15) Benzyl Alcohol	8.14	79	172748	49.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	254403	45.314	ng	99
17) 2-Methylphenol	8.35	107	178196	51.477	ng	96
18) Hexachloroethane	8.98	117	81652	45.859	ng	97
19) n-Nitroso-di-n-propylamine	8.70	70	153279	46.913	ng	98
20) 3+4-Methylphenols	8.68	107	244518	51.254	ng	99
22) Acetophenone	8.72	105	287430	44.528	ng	98
24) Nitrobenzene	9.09	77	215493	46.964	ng	100
25) Isophorone	9.62	82	421592	48.125	ng	99
26) 2-Nitrophenol	9.81	139	120876	50.770	ng	96
27) 2,4-Dimethylphenol	9.87	122	200484	59.653	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	265943	45.507	ng	99
29) 2,4-Dichlorophenol	10.35	162	210868	51.889	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	210985	45.278	ng	99
31) Naphthalene	10.74	128	620145	48.171	ng	99
32) Benzoic acid	10.04	122	64158	34.596	ng	99
33) 4-Chloroaniline	10.86	127	78268	13.368	ng	97
34) Hexachlorobutadiene	11.04	225	126166	44.002	ng	99
35) Caprolactam	11.62	113	80718m	54.222	ng	
36) 4-Chloro-3-methylphenol	11.99	107	222788	52.289	ng	100
37) 2-Methylnaphthalene	12.35	142	463303	48.470	ng	99
38) 1-Methylnaphthalene	12.58	142	437763	48.577	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	230086	43.880	ng	99

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Quant Time: Feb 17 00:18:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	260017	103.346	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	167528	49.429	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	181676	52.480	ng	99
46) 1,1'-Biphenyl	13.36	154	595089	47.065	ng	98
47) 2-Chloronaphthalene	13.41	162	465530	46.269	ng	99
48) 2-Nitroaniline	13.61	65	138584	46.672	ng	97
49) Acenaphthylene	14.26	152	742316	50.302	ng	100
50) Dimethylphthalate	13.99	163	653133	51.835	ng	100
51) 2,6-Dinitrotoluene	14.10	165	138816	49.410	ng	99
52) Acenaphthene	14.60	154	458529	47.937	ng	99
53) 3-Nitroaniline	14.43	138	66606	21.429	ng	98
54) 2,4-Dinitrophenol	14.65	184	157559	93.250	ng	99
55) Dibenzofuran	14.93	168	717339	49.532	ng	98
56) 4-Nitrophenol	14.76	139	259287	113.882	ng	97
57) 2,4-Dinitrotoluene	14.90	165	197747	50.219	ng	99
58) Fluorene	15.59	166	575611	50.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	162478	51.961	ng	99
60) Diethylphthalate	15.36	149	625464	49.817	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	298677	48.292	ng	97
62) 4-Nitroaniline	15.60	138	141915	45.693	ng	96
63) Azobenzene	15.87	77	550226	50.003	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	123764	54.672	ng	95
66) n-Nitrosodiphenylamine	15.79	169	543575	47.296	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	200463	44.866	ng	97
68) Hexachlorobenzene	16.60	284	223473	44.644	ng	100
69) Atrazine	16.74	200	219441	55.707	ng	99
70) Pentachlorophenol	16.94	266	240189	94.303	ng	97
71) Phenanthrene	17.32	178	956026	48.141	ng	99
72) Anthracene	17.41	178	982913	50.063	ng	99
73) Carbazole	17.68	167	927315	51.233	ng	100
74) Di-n-butylphthalate	18.25	149	1142197	51.066	ng	99
75) Fluoranthene	19.33	202	1200264	52.247	ng	99
77) Benzidine	19.51	184	473529	41.693	ng	98
78) Pyrene	19.69	202	1212449	46.108	ng	99
80) Butylbenzylphthalate	20.59	149	541864	45.218	ng	99
81) Benzo(a)anthracene	21.51	228	1165154	46.171	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	211277	21.571	ng	97
83) Chrysene	21.57	228	1106701	45.370	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	770065	46.687	ng	99
85) Di-n-octyl phthalate	22.59	149	1344584	47.115	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1441084	45.283	ng	100
88) Benzo(b)fluoranthene	23.63	252	1239836	48.479	ng	99
89) Benzo(k)fluoranthene	23.70	252	1215489	48.764	ng	100
90) Benzo(a)pyrene	24.46	252	1143456	47.288	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1190728	49.757	ng	99
92) Benzo(g,h,i)perylene	29.19	276	1218897	50.880	ng	98

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

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