Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044055.D
Acq On : 15 Jan 2020 18:30
Operator : JU
Sample : PB126104BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126104BSD

Manual Integrations APPROVED
mohammad
1/16/2020 2:25:53 PM

Quant Time: Jan 16 08:28:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85760	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	368813	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	243432	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	541950	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	465422	20.00	ng	-0.02
87) Perylene-d12	24.68	264	525981	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	429430	91.94	ng	-0.01
7) Phenol-d6	7.11	99	568633	87.10	ng	-0.01
23) Nitrobenzene-d5	9.10	82	549318	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	216270	84.90	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1235806	91.98	ng	-0.02
79) Terphenyl-d14	19.93	244	1803798	96.85	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	94517	46.411	ng	95
3) Pyridine	3.80	79	225983	37.562	ng	96
4) n-Nitrosodimethylamine	3.72	42	108455	40.490	ng	94
6) Aniline	7.26	93	286175	33.372	ng	99
8) 2-Chlorophenol	7.51	128	266339	48.573	ng	97
9) Benzaldehyde	7.08	77	154190	36.900	ng	99
10) Phenol	7.14	94	328041	48.767	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	240386	41.399	ng	100
12) 1,3-Dichlorobenzene	7.83	146	271225	42.269	ng	98
13) 1,4-Dichlorobenzene	7.98	146	274343	43.332	ng	100
14) 1,2-Dichlorobenzene	8.30	146	259057	42.630	ng	98
15) Benzyl Alcohol	8.18	79	219276	42.556	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	323191	35.977	ng	96
17) 2-Methylphenol	8.39	107	227631	46.762	ng	98
18) Hexachloroethane	9.03	117	101697	41.281	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	189576	38.991	ng	96
20) 3+4-Methylphenols	8.72	107	313781	46.207	ng	97
22) Acetophenone	8.76	105	353658	38.571	ng	98
24) Nitrobenzene	9.14	77	269791	39.511	ng	99
25) Isophorone	9.67	82	514076	39.745	ng	98
26) 2-Nitrophenol	9.85	139	150668	46.639	ng	97
27) 2,4-Dimethylphenol	9.92	122	254463	52.327	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	329086	38.164	ng	99
29) 2,4-Dichlorophenol	10.40	162	266809	45.997	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	260783	40.096	ng	98
31) Naphthalene	10.80	128	760340	42.602	ng	98
32) Benzoic acid	10.06	122	133205	35.510	ng	92
33) 4-Chloroaniline	10.90	127	191949	22.549	ng	98
34) Hexachlorobutadiene	11.09	225	149611	37.676	ng	97
35) Caprolactam	11.67	113	97411m	45.110	ng	
36) 4-Chloro-3-methylphenol	12.03	107	276067	44.706	ng	98
37) 2-Methylnaphthalene	12.40	142	573327	42.669	ng	96
38) 1-Methylnaphthalene	12.62	142	544819	42.782	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	271860	38.102	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	365019	98.679	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	211270	43.033	ng		97
44) 2,4,5-Trichlorophenol	13.09	196	228908	45.207	ng		98
46) 1,1'-Biphenyl	13.41	154	721764	41.353	ng		97
47) 2-Chloronaphthalene	13.45	162	563696	39.968	ng		99
48) 2-Nitroaniline	13.65	65	173228	38.183	ng		95
49) Acenaphthylene	14.30	152	905590	44.674	ng		97
50) Dimethylphthalate	14.03	163	734443	42.491	ng		98
51) 2,6-Dinitrotoluene	14.14	165	168706	43.183	ng		95
52) Acenaphthene	14.64	154	562685	39.581	ng		98
53) 3-Nitroaniline	14.47	138	118283	26.662	ng		97
54) 2,4-Dinitrophenol	14.68	184	190003	94.405	ng		97
55) Dibenzofuran	14.97	168	864611	44.181	ng		98
56) 4-Nitrophenol	14.80	139	318629	93.724	ng		91
57) 2,4-Dinitrotoluene	14.93	165	234016	44.022	ng		99
58) Fluorene	15.63	166	682938	44.029	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	200108	45.959	ng		95
60) Diethylphthalate	15.40	149	745082	43.098	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	355791	42.243	ng		96
62) 4-Nitroaniline	15.64	138	169812	38.761	ng		93
63) Azobenzene	15.91	77	665408	41.503	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	143370	51.039	ng		93
66) n-Nitrosodiphenylamine	15.83	169	645719	40.459	ng		97
67) 4-Bromophenyl-phenylether	16.51	248	231695	38.012	ng		96
68) Hexachlorobenzene	16.64	284	253917	38.661	ng		95
69) Atrazine	16.78	200	248737	47.947	ng		99
70) Pentachlorophenol	16.98	266	291480	80.507	ng		99
71) Phenanthrene	17.36	178	1103386	42.447	ng		97
72) Anthracene	17.45	178	1132870	44.097	ng		98
73) Carbazole	17.72	167	1036193	43.665	ng		97
74) Di-n-butylphthalate	18.29	149	1270887	41.946	ng		97
75) Fluoranthene	19.37	202	1281850	43.118	ng		97
77) Benzidine	19.54	184	576574	49.285	ng		98
78) Pyrene	19.73	202	1287142	42.368	ng		96
80) Butylbenzylphthalate	20.62	149	591008	40.862	ng		97
81) Benzo(a)anthracene	21.55	228	1225234	42.455	ng		97
82) 3,3'-Dichlorobenzidine	21.47	252	342490	30.039	ng		98
83) Chrysene	21.61	228	1173226	42.784	ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	825570	41.367	ng		98
85) Di-n-octyl phthalate	22.65	149	1429295	42.601	ng		97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482243	39.774	ng	#	93
88) Benzo(b)fluoranthene	23.70	252	1268122	40.783	ng		98
89) Benzo(k)fluoranthene	23.76	252	1259236	42.586	ng		98
90) Benzo(a)pyrene	24.53	252	1179391	40.186	ng		99
91) Dibenzo(a,h)anthracene	28.27	278	1226838	41.624	ng		99
92) Benzo(g,h,i)perylene	29.31	276	1249788	42.688	ng		97

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

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