Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044034.D
Acq On : 14 Jan 2020 13:15
Operator : JU
Sample : PB126078BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126078BS

Manual Integrations APPROVED
mohammad
1/16/2020 1:38:35 PM

Quant Time: Jan 15 09:23:45 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	7.95	152	128767	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	538604	20.00	ng		-0.02
39) Acenaphthene-d10	14.59	164	338022	20.00	ng		-0.01
64) Phenanthrene-d10	17.32	188	727365	20.00	ng		-0.01
76) Chrysene-d12	21.60	240	654990	20.00	ng		0.00
87) Perylene-d12	24.79	264	586991	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	839636	119.73	ng		-0.01
7) Phenol-d6	7.12	99	1077697	109.94	ng		0.00
23) Nitrobenzene-d5	9.10	82	668217	66.37	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	399883	113.05	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1427691	76.52	ng		-0.02
79) Terphenyl-d14	19.96	244	2242274	81.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	112088	36.656	ng		97
3) Pyridine	3.81	79	271216	30.024	ng		93
4) n-Nitrosodimethylamine	3.72	42	147891	36.773	ng		94
6) Aniline	7.27	93	348909	27.098	ng		97
8) 2-Chlorophenol	7.52	128	341476	41.476	ng		99
9) Benzaldehyde	7.08	77	130326	20.772	ng		99
10) Phenol	7.15	94	415674	41.155	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	328166	37.641	ng		97
12) 1,3-Dichlorobenzene	7.84	146	370840	38.491	ng		96
13) 1,4-Dichlorobenzene	7.98	146	370024	38.925	ng		99
14) 1,2-Dichlorobenzene	8.31	146	346992	38.029	ng		99
15) Benzyl Alcohol	8.19	79	286071	36.976	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	434643	32.224	ng		99
17) 2-Methylphenol	8.39	107	290812	39.788	ng		99
18) Hexachloroethane	9.03	117	137770	37.246	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	246934	33.825	ng		98
20) 3+4-Methylphenols	8.72	107	395782	38.816	ng		98
22) Acetophenone	8.77	105	467889	34.943	ng	#	99
24) Nitrobenzene	9.15	77	356367	35.738	ng		98
25) Isophorone	9.67	82	659378	34.908	ng		99
26) 2-Nitrophenol	9.86	139	191753	40.645	ng		96
27) 2,4-Dimethylphenol	9.93	122	318599	44.862	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	427123	33.918	ng		98
29) 2,4-Dichlorophenol	10.40	162	332058	39.199	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	345825	36.410	ng		99
31) Naphthalene	10.80	128	1002892	38.478	ng		100
32) Benzoic acid	10.07	122	177664	32.974	ng		94
33) 4-Chloroaniline	10.90	127	249482	20.069	ng		99
34) Hexachlorobutadiene	11.10	225	203290	35.055	ng		98
35) Caprolactam	11.68	113	91575m	29.039	ng		
36) 4-Chloro-3-methylphenol	12.04	107	345949	38.362	ng		98
37) 2-Methylnaphthalene	12.41	142	732143	37.311	ng		96
38) 1-Methylnaphthalene	12.63	142	699458	37.610	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	355004	35.832	ng		100

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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	12.77	237	340574	66.306	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	260193	38.168	ng		94
44) 2,4,5-Trichlorophenol	13.09	196	281994	40.107	ng		98
46) 1,1'-Biphenyl	13.42	154	909891	37.543	ng		98
47) 2-Chloronaphthalene	13.46	162	709256	36.216	ng		98
48) 2-Nitroaniline	13.66	65	216712	34.401	ng		92
49) Acenaphthylene	14.30	152	1102810	39.179	ng		98
50) Dimethylphthalate	14.04	163	884946	36.871	ng		98
51) 2,6-Dinitrotoluene	14.15	165	205557	37.892	ng		95
52) Acenaphthene	14.64	154	699121	35.417	ng		98
53) 3-Nitroaniline	14.48	138	172747	28.042	ng		98
54) 2,4-Dinitrophenol	14.69	184	215604	78.150	ng		94
55) Dibenzofuran	14.98	168	1061127	39.049	ng		99
56) 4-Nitrophenol	14.80	139	392367	83.117	ng		94
57) 2,4-Dinitrotoluene	14.94	165	286599	38.827	ng		97
58) Fluorene	15.63	166	837891	38.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	242312	40.079	ng		96
60) Diethylphthalate	15.40	149	893290	37.212	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	432653	36.994	ng		98
62) 4-Nitroaniline	15.66	138	211182	34.715	ng		95
63) Azobenzene	15.91	77	825782	37.093	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	161604	43.568	ng		93
66) n-Nitrosodiphenylamine	15.84	169	780332	36.430	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	284525	34.780	ng		98
68) Hexachlorobenzene	16.64	284	306031	34.718	ng		97
69) Atrazine	16.80	200	292496	42.009	ng		99
70) Pentachlorophenol	16.98	266	373769	76.920	ng		99
71) Phenanthrene	17.37	178	1322412	37.904	ng		99
72) Anthracene	17.46	178	1365423	39.601	ng		99
73) Carbazole	17.74	167	1262140	39.629	ng		97
74) Di-n-butylphthalate	18.29	149	1499726	36.881	ng		98
75) Fluoranthene	19.37	202	1523463	38.183	ng		98
77) Benzidine	19.56	184	448078	27.216	ng		98
78) Pyrene	19.74	202	1526019	35.693	ng		98
80) Butylbenzylphthalate	20.63	149	717550	35.252	ng		99
81) Benzo(a)anthracene	21.57	228	1472390	36.253	ng		97
82) 3,3'-Dichlorobenzidine	21.49	252	495981	30.911	ng		99
83) Chrysene	21.65	228	1530662	39.663	ng		94
84) Bis(2-ethylhexyl)phthalate	21.49	149	1016795	36.203	ng		100
85) Di-n-octyl phthalate	22.69	149	1782959	37.761	ng		97
86) Indeno(1,2,3-cd)pyrene	28.46	276	1856925	35.407	ng	#	78
88) Benzo(b)fluoranthene	23.75	252	1621683m	46.732	ng		
89) Benzo(k)fluoranthene	23.84	252	1556882m	47.180	ng		
90) Benzo(a)pyrene	24.63	252	1462281	44.647	ng		97
91) Dibenzo(a,h)anthracene	28.50	278	1562922	47.516	ng		97
92) Benzo(g,h,i)perylene	29.69	276	1571807	48.107	ng		96

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

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