Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044102.D
Acq On : 20 Jan 2020 17:43
Operator : JU
Sample : PB126194BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126194BS

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:23 PM

Quant Time: Jan 21 06:35:09 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	7.93	152	80974	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	346181	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	230164	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	493663	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	418811	20.00	ng		-0.03
87) Perylene-d12	24.67	264	479019	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	645150	146.29	ng		-0.03
7) Phenol-d6	7.11	99	861602	139.77	ng		-0.02
23) Nitrobenzene-d5	9.09	82	454593	70.25	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	330570	137.24	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1046558	82.38	ng		-0.03
79) Terphenyl-d14	19.93	244	1484585	85.64	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	98369	51.157	ng		96
3) Pyridine	3.79	79	197250	34.724	ng		94
4) n-Nitrosodimethylamine	3.70	42	101172	40.004	ng		97
6) Aniline	7.25	93	259733	32.078	ng		99
8) 2-Chlorophenol	7.50	128	250426	48.370	ng		96
9) Benzaldehyde	7.06	77	124971	31.675	ng		99
10) Phenol	7.13	94	307231	48.372	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	230379	42.021	ng		98
12) 1,3-Dichlorobenzene	7.82	146	252000	41.594	ng		99
13) 1,4-Dichlorobenzene	7.97	146	250852	41.964	ng		98
14) 1,2-Dichlorobenzene	8.29	146	242831	42.322	ng		99
15) Benzyl Alcohol	8.17	79	209479	43.057	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	306741	36.164	ng		99
17) 2-Methylphenol	8.38	107	218575	47.556	ng		98
18) Hexachloroethane	9.02	117	94622	40.679	ng		98
19) n-Nitroso-di-n-propylamine	8.74	70	179670	39.137	ng		97
20) 3+4-Methylphenols	8.71	107	303688	47.364	ng		95
22) Acetophenone	8.75	105	341201	39.645	ng	#	98
24) Nitrobenzene	9.13	77	260730	40.681	ng		98
25) Isophorone	9.66	82	509022	41.927	ng		100
26) 2-Nitrophenol	9.84	139	142322	46.935	ng		98
27) 2,4-Dimethylphenol	9.91	122	249528	54.667	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	321897	39.770	ng		99
29) 2,4-Dichlorophenol	10.39	162	256145	47.045	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	247259	40.502	ng		99
31) Naphthalene	10.79	128	744573	44.446	ng		99
32) Benzoic acid	10.06	122	118110	33.891	ng		97
33) 4-Chloroaniline	10.89	127	179790	22.501	ng		97
34) Hexachlorobutadiene	11.08	225	143566	38.517	ng		97
35) Caprolactam	11.66	113	93260m	46.012	ng		
36) 4-Chloro-3-methylphenol	12.02	107	276616	47.724	ng		97
37) 2-Methylnaphthalene	12.40	142	564488	44.758	ng		96
38) 1-Methylnaphthalene	12.61	142	536143	44.853	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	268638	39.821	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	359575	102.811	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	204639	44.085	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	219324	45.811	ng	98
46) 1,1'-Biphenyl	13.40	154	718643	43.548	ng	98
47) 2-Chloronaphthalene	13.44	162	558861	41.909	ng	98
48) 2-Nitroaniline	13.64	65	171061	39.879	ng	95
49) Acenaphthylene	14.29	152	888442	46.354	ng	98
50) Dimethylphthalate	14.02	163	717963	43.932	ng	99
51) 2,6-Dinitrotoluene	14.13	165	163133	44.164	ng	98
52) Acenaphthene	14.63	154	545038	40.550	ng	99
53) 3-Nitroaniline	14.46	138	121110	28.873	ng	98
54) 2,4-Dinitrophenol	14.68	184	174238	91.728	ng	96
55) Dibenzofuran	14.97	168	851213	46.003	ng	98
56) 4-Nitrophenol	14.79	139	298780	92.952	ng	95
57) 2,4-Dinitrotoluene	14.93	165	227726	45.308	ng	99
58) Fluorene	15.62	166	670604	45.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	187799	45.618	ng	98
60) Diethylphthalate	15.39	149	720563	44.083	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	345313	43.362	ng	98
62) 4-Nitroaniline	15.63	138	164855	39.798	ng	95
63) Azobenzene	15.90	77	673126	44.405	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130039	50.840	ng	98
66) n-Nitrosodiphenylamine	15.83	169	627705	43.178	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	224781	40.485	ng	99
68) Hexachlorobenzene	16.63	284	242181	40.480	ng	97
69) Atrazine	16.77	200	231499	48.989	ng	99
70) Pentachlorophenol	16.97	266	257099	77.957	ng	98
71) Phenanthrene	17.35	178	1059129	44.729	ng	97
72) Anthracene	17.45	178	1095393	46.809	ng	97
73) Carbazole	17.71	167	968727	44.815	ng	97
74) Di-n-butylphthalate	18.28	149	1202017	43.554	ng	97
75) Fluoranthene	19.36	202	1204524	44.481	ng	97
77) Benzidine	19.54	184	499473	47.446	ng	99
78) Pyrene	19.72	202	1216732	44.508	ng	95
80) Butylbenzylphthalate	20.62	149	556046	42.723	ng	96
81) Benzo(a)anthracene	21.54	228	1149102	44.249	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	326783	31.851	ng	100
83) Chrysene	21.61	228	1106197	44.829	ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	790964	44.044	ng	97
85) Di-n-octyl phthalate	22.64	149	1377395	45.623	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1415581	42.213	ng	100
88) Benzo(b)fluoranthene	23.69	252	1223047	43.189	ng	98
89) Benzo(k)fluoranthene	23.76	252	1170763	43.476	ng	98
90) Benzo(a)pyrene	24.52	252	1128384	42.218	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1174487	43.755	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1196771	44.885	ng	98

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

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