Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045124.D
Acq On : 22 Apr 2020 13:31
Operator : CG/JU
Sample : PB128381BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 14:22:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 12:56:37 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:19:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	85003	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	375583	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	308947	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	744044	20.00	ng	0.00
76) Chrysene-d12	21.66	240	527559	20.00	ng	0.00
87) Perylene-d12	24.85	264	597479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	765473	148.67	ng	0.00
7) Phenol-d6	7.19	99	1121370	146.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	706727	85.86	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	638012	133.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1716375	81.46	ng	0.00
79) Terphenyl-d14	20.01	244	2472886	102.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	78816	34.445	ng	96
3) Pyridine	3.87	79	241752	34.314	ng	94
4) n-Nitrosodimethylamine	3.78	42	103260	47.845	ng	84
6) Aniline	7.34	93	447257	44.968	ng	99
8) 2-Chlorophenol	7.58	128	298637	53.969	ng	98
9) Benzaldehyde	7.15	77	133399	28.001	ng	95
10) Phenol	7.21	94	415771	54.314	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	266507	43.727	ng	99
12) 1,3-Dichlorobenzene	7.90	146	286494	43.937	ng	97
13) 1,4-Dichlorobenzene	8.05	146	289169	44.506	ng	100
14) 1,2-Dichlorobenzene	8.37	146	276131	44.424	ng	97
15) Benzyl Alcohol	8.25	79	323979	50.514	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	248686	41.567	ng	97
17) 2-Methylphenol	8.46	107	291725	49.393	ng	92
18) Hexachloroethane	9.10	117	109135	44.681	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	255620	47.250	ng	97
20) 3+4-Methylphenols	8.79	107	406472	49.169	ng	97
22) Acetophenone	8.84	105	465341	45.816	ng	98
24) Nitrobenzene	9.22	77	385053	45.637	ng	96
25) Isophorone	9.75	82	743925	44.133	ng	98
26) 2-Nitrophenol	9.93	139	180649	49.706	ng	96
27) 2,4-Dimethylphenol	10.00	122	302385	52.436	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	401617	45.346	ng	99
29) 2,4-Dichlorophenol	10.48	162	347339	52.163	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	339098	44.979	ng	98
31) Naphthalene	10.88	128	928832	45.207	ng	99
32) Benzoic acid	10.17	122	186342	41.062	ng	99
33) 4-Chloroaniline	10.98	127	240283	25.076	ng	98
34) Hexachlorobutadiene	11.17	225	225488	43.624	ng	96
35) Caprolactam	11.76	113	131342m	49.560	ng	
36) 4-Chloro-3-methylphenol	12.11	107	411932	52.661	ng	98
37) 2-Methylnaphthalene	12.48	142	751703	47.136	ng	97
38) 1-Methylnaphthalene	12.70	142	721539	47.926	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	414601	41.680	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	619156	99.588	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	329748	46.970	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	345478	43.233	ng		98
46) 1,1'-Biphenyl	13.49	154	980505	41.755	ng		99
47) 2-Chloronaphthalene	13.53	162	768768	42.846	ng		100
48) 2-Nitroaniline	13.73	65	270408	45.805	ng		99
49) Acenaphthylene	14.38	152	1281787	43.858	ng		98
50) Dimethylphthalate	14.11	163	1109089	44.089	ng		98
51) 2,6-Dinitrotoluene	14.23	165	255464	45.403	ng		98
52) Acenaphthene	14.72	154	1023392m	51.754	ng		
53) 3-Nitroaniline	14.55	138	187564	30.394	ng		92
54) 2,4-Dinitrophenol	14.76	184	347109	103.745	ng		91
55) Dibenzofuran	15.05	168	1265770	43.906	ng		95
56) 4-Nitrophenol	14.88	139	417751	87.307	ng		92
57) 2,4-Dinitrotoluene	15.01	165	367991	44.753	ng		99
58) Fluorene	15.71	166	1067566	45.335	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	352479	49.573	ng		98
60) Diethylphthalate	15.48	149	1159165	44.197	ng		96
61) 4-Chlorophenyl-phenylether	15.69	204	608533	44.896	ng		99
62) 4-Nitroaniline	15.72	138	264930	41.391	ng		91
63) Azobenzene	15.99	77	1112564	46.010	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	249525	51.021	ng		98
66) n-Nitrosodiphenylamine	15.91	169	979218	45.805	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	429764	44.773	ng		97
68) Hexachlorobenzene	16.71	284	458023	46.009	ng		99
69) Atrazine	16.86	200	403917	52.611	ng		97
70) Pentachlorophenol	17.06	266	551278	90.269	ng		99
71) Phenanthrene	17.44	178	1707740	44.665	ng		97
72) Anthracene	17.53	178	1752314	45.689	ng		97
73) Carbazole	17.80	167	1555159	39.957	ng		100
74) Di-n-butylphthalate	18.36	149	1799422	42.078	ng		97
75) Fluoranthene	19.45	202	1907480	42.039	ng		98
77) Benzidine	19.62	184	946063	64.494	ng		99
78) Pyrene	19.81	202	1839717	50.583	ng		99
80) Butylbenzylphthalate	20.70	149	639765	42.436	ng		99
81) Benzo(a)anthracene	21.64	228	1551221	45.366	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	443584	32.593	ng		97
83) Chrysene	21.71	228	1477626	44.976	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	922176	44.475	ng		97
85) Di-n-octyl phthalate	22.77	149	1613200	44.992	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2090302	47.922	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1718830	45.926	ng		99
89) Benzo(k)fluoranthene	23.91	252	1648922	46.329	ng		99
90) Benzo(a)pyrene	24.71	252	1602629	45.354	ng		97
91) Dibenzo(a,h)anthracene	28.55	278	1674535	47.030	ng		97
92) Benzo(g,h,i)perylene	29.61	276	1697817	47.562	ng		98

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

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