Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044930.D
Acq On : 24 Mar 2020 14:51
Operator : CG/JU
Sample : PB127768BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:37 PM

Quant Time: Mar 24 15:36:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91205	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	353688	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	237029	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	520118	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	479240	20.00	ng		-0.01
87) Perylene-d12	24.89	264	539070	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	792433	135.25	ng		0.00
7) Phenol-d6	7.21	99	1058011	124.29	ng		0.00
23) Nitrobenzene-d5	9.20	82	676300	83.91	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	418018	134.69	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1430771	86.44	ng		0.00
79) Terphenyl-d14	20.03	244	2180224	85.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	103937	36.839	ng		95
3) Pyridine	3.91	79	295192	35.343	ng		97
4) n-Nitrosodimethylamine	3.82	42	145536	45.925	ng	#	94
6) Aniline	7.36	93	389246	36.748	ng		100
8) 2-Chlorophenol	7.61	128	300544	51.387	ng		94
9) Benzaldehyde	7.17	77	224857	44.886	ng		99
10) Phenol	7.23	94	391258	46.425	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	283427	42.139	ng		95
12) 1,3-Dichlorobenzene	7.93	146	324641	45.060	ng		97
13) 1,4-Dichlorobenzene	8.08	146	318403	44.702	ng		98
14) 1,2-Dichlorobenzene	8.40	146	295755	43.781	ng		96
15) Benzyl Alcohol	8.28	79	295109	43.208	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	430660	36.283	ng		99
17) 2-Methylphenol	8.48	107	266093	46.612	ng		97
18) Hexachloroethane	9.13	117	118828	42.375	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	239798	39.895	ng		97
20) 3+4-Methylphenols	8.81	107	368526	46.830	ng		97
22) Acetophenone	8.86	105	443465	44.258	ng		99
24) Nitrobenzene	9.24	77	372094	44.491	ng		99
25) Isophorone	9.77	82	661250	42.035	ng		98
26) 2-Nitrophenol	9.96	139	141977	48.796	ng		96
27) 2,4-Dimethylphenol	10.01	122	263748	51.485	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	387022	41.225	ng		98
29) 2,4-Dichlorophenol	10.50	162	290872	48.612	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	317632	44.396	ng		94
31) Naphthalene	10.90	128	878946	44.861	ng		99
32) Benzoic acid	10.17	122	137708	37.225	ng		95
33) 4-Chloroaniline	11.00	127	192834	21.846	ng		98
34) Hexachlorobutadiene	11.20	225	210877	44.820	ng		95
35) Caprolactam	11.77	113	102239m	45.129	ng		
36) 4-Chloro-3-methylphenol	12.12	107	330750	46.348	ng		98
37) 2-Methylnaphthalene	12.51	142	657563	44.866	ng		96
38) 1-Methylnaphthalene	12.72	142	621405	45.099	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	345638	44.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	468783	109.886	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	241586	46.634	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	260348	48.459	ng		95
46) 1,1'-Biphenyl	13.51	154	811002	42.816	ng		99
47) 2-Chloronaphthalene	13.55	162	635223	43.900	ng		97
48) 2-Nitroaniline	13.75	65	214917	42.425	ng		97
49) Acenaphthylene	14.40	152	1027827	45.341	ng		98
50) Dimethylphthalate	14.13	163	823492	43.621	ng		98
51) 2,6-Dinitrotoluene	14.24	165	185794	48.825	ng		96
52) Acenaphthene	14.74	154	721036	48.567	ng		99
53) 3-Nitroaniline	14.57	138	128770	29.434	ng		97
54) 2,4-Dinitrophenol	14.77	184	176619	87.904	ng		96
55) Dibenzofuran	15.07	168	973569	45.222	ng		97
56) 4-Nitrophenol	14.88	139	303037	90.760	ng		93
57) 2,4-Dinitrotoluene	15.03	165	258251	49.484	ng	#	95
58) Fluorene	15.72	166	808885	45.675	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	240471	48.616	ng		94
60) Diethylphthalate	15.50	149	838327	42.577	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	430482	45.143	ng		98
62) 4-Nitroaniline	15.73	138	195856	41.984	ng		93
63) Azobenzene	16.01	77	856972	41.912	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	134456	53.818	ng		96
66) n-Nitrosodiphenylamine	15.93	169	727242	46.442	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	299428	46.050	ng		99
68) Hexachlorobenzene	16.74	284	322455	45.711	ng		99
69) Atrazine	16.88	200	281266	49.026	ng		98
70) Pentachlorophenol	17.07	266	381981	98.415	ng		98
71) Phenanthrene	17.46	178	1279886	46.049	ng		99
72) Anthracene	17.55	178	1312846	47.902	ng		99
73) Carbazole	17.82	167	1207096	45.852	ng		100
74) Di-n-butylphthalate	18.39	149	1401960	43.808	ng		99
75) Fluoranthene	19.47	202	1561170	47.174	ng		99
77) Benzidine	19.64	184	805406	51.768	ng		99
78) Pyrene	19.83	202	1556061	44.256	ng		99
80) Butylbenzylphthalate	20.72	149	618223	39.523	ng		99
81) Benzo(a)anthracene	21.67	228	1495221	43.329	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	409718	30.690	ng		97
83) Chrysene	21.74	228	1435697	43.554	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	870064	40.303	ng		98
85) Di-n-octyl phthalate	22.81	149	1482115	41.027	ng		100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1934676	44.767	ng	#	93
88) Benzo(b)fluoranthene	23.89	252	1653865	46.472	ng		98
89) Benzo(k)fluoranthene	23.95	252	1569993	46.617	ng		98
90) Benzo(a)pyrene	24.74	252	1517055	45.557	ng		98
91) Dibenzo(a,h)anthracene	28.61	278	1578001	48.033	ng		98
92) Benzo(g,h,i)perylene	29.69	276	1577213	47.518	ng		97

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

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