Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044871.D
Acq On : 18 Mar 2020 19:51
Operator : CG/JU
Sample : PB127599BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Manual Integrations APPROVED
mohammad
3/19/2020 12:34:50 PM

Quant Time: Mar 19 02:20:51 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 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80670	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	311263	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	208174	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	479195	20.00	ng		0.00
76) Chrysene-d12	21.69	240	430823	20.00	ng		-0.01
87) Perylene-d12	24.89	264	483475	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	592426	114.32	ng		0.00
7) Phenol-d6	7.21	99	823188	109.33	ng		0.00
23) Nitrobenzene-d5	9.20	82	460493	64.92	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	328705	120.59	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	976605	67.18	ng		0.00
79) Terphenyl-d14	20.03	244	1538065	66.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	91858	36.810	ng		97
3) Pyridine	3.90	79	222978	30.183	ng		99
4) n-Nitrosodimethylamine	3.82	42	106571	38.021	ng		88
6) Aniline	7.36	93	264507	28.233	ng		96
8) 2-Chlorophenol	7.61	128	217314	42.008	ng		96
9) Benzaldehyde	7.18	77	109830	20.536	ng		97
10) Phenol	7.23	94	298496	40.044	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	217971	36.640	ng		98
12) 1,3-Dichlorobenzene	7.93	146	241104	37.835	ng		98
13) 1,4-Dichlorobenzene	8.08	146	237379	37.679	ng		96
14) 1,2-Dichlorobenzene	8.40	146	219273	36.698	ng		94
15) Benzyl Alcohol	8.28	79	227569	37.670	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	324698	30.928	ng		97
17) 2-Methylphenol	8.48	107	200666	39.741	ng		96
18) Hexachloroethane	9.13	117	93500	37.697	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	181412	34.123	ng		94
20) 3+4-Methylphenols	8.81	107	282689	40.613	ng		97
22) Acetophenone	8.86	105	327395	37.128	ng	#	96
24) Nitrobenzene	9.24	77	278448	37.832	ng		96
25) Isophorone	9.77	82	503732	36.386	ng		100
26) 2-Nitrophenol	9.96	139	123000	48.122	ng		96
27) 2,4-Dimethylphenol	10.01	122	205509	45.584	ng		91
28) bis(2-Chloroethoxy)methane	10.25	93	292495	35.403	ng		100
29) 2,4-Dichlorophenol	10.50	162	222296	42.215	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	237361	37.698	ng		94
31) Naphthalene	10.90	128	647798	37.570	ng		98
32) Benzoic acid	10.15	122	124608	38.002	ng		88
33) 4-Chloroaniline	11.00	127	170229	21.913	ng		98
34) Hexachlorobutadiene	11.20	225	156218	37.728	ng		98
35) Caprolactam	11.76	113	80782m	40.518	ng		
36) 4-Chloro-3-methylphenol	12.12	107	251156	39.991	ng		97
37) 2-Methylnaphthalene	12.51	142	494609	38.348	ng		98
38) 1-Methylnaphthalene	12.72	142	465082	38.355	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	261637	38.163	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	356123	95.049	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	192714	42.356	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	202135	42.839	ng		99
46) 1,1'-Biphenyl	13.51	154	613565	36.882	ng		99
47) 2-Chloronaphthalene	13.55	162	468531	36.868	ng		98
48) 2-Nitroaniline	13.75	65	167337	37.612	ng		97
49) Acenaphthylene	14.40	152	781062	39.231	ng		100
50) Dimethylphthalate	14.13	163	624046	37.638	ng		99
51) 2,6-Dinitrotoluene	14.24	165	139429	41.720	ng		96
52) Acenaphthene	14.74	154	560852	43.014	ng		97
53) 3-Nitroaniline	14.56	138	101858	26.509	ng	#	96
54) 2,4-Dinitrophenol	14.77	184	175322	98.270	ng		94
55) Dibenzofuran	15.07	168	740834	39.181	ng		100
56) 4-Nitrophenol	14.87	139	260763	88.925	ng		96
57) 2,4-Dinitrotoluene	15.03	165	202436	44.166	ng		97
58) Fluorene	15.73	166	601437	38.668	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	191617	44.109	ng		94
60) Diethylphthalate	15.50	149	637333	36.855	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	330186	39.425	ng		99
62) 4-Nitroaniline	15.73	138	142743	34.840	ng		95
63) Azobenzene	16.01	77	644184	35.872	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	120814	52.678	ng		95
66) n-Nitrosodiphenylamine	15.92	169	540594	37.471	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	224614	37.494	ng		98
68) Hexachlorobenzene	16.73	284	240900	37.066	ng		97
69) Atrazine	16.88	200	229515	43.422	ng		97
70) Pentachlorophenol	17.07	266	305124	85.327	ng		96
71) Phenanthrene	17.46	178	959694	37.477	ng		99
72) Anthracene	17.55	178	986597	39.073	ng		99
73) Carbazole	17.82	167	912707	37.630	ng		100
74) Di-n-butylphthalate	18.39	149	1091173	37.009	ng		99
75) Fluoranthene	19.47	202	1204383	39.501	ng		100
77) Benzidine	19.64	184	490544	35.073	ng		99
78) Pyrene	19.83	202	1200621	37.984	ng		99
80) Butylbenzylphthalate	20.72	149	513153	36.493	ng		99
81) Benzo(a)anthracene	21.67	228	1166450	37.600	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	361765	30.143	ng		100
83) Chrysene	21.74	228	1111671	37.514	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	716745	36.932	ng	#	98
85) Di-n-octyl phthalate	22.81	149	1227876	37.809	ng		99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1472120	37.892	ng	#	96
88) Benzo(b)fluoranthene	23.88	252	1242126	38.916	ng		100
89) Benzo(k)fluoranthene	23.95	252	1215179	40.231	ng		99
90) Benzo(a)pyrene	24.74	252	1150224	38.513	ng		98
91) Dibenzo(a,h)anthracene	28.60	278	1202495	40.812	ng		98
92) Benzo(g,h,i)perylene	29.67	276	1221643	41.038	ng		99

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

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