Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044888.D
Acq On : 19 Mar 2020 8:23
Operator : CG/JU
Sample : PB127639BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 19 11:37:42 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

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	77816	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	306285	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	205648	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	480414	20.00	ng		0.00
76) Chrysene-d12	21.69	240	469078	20.00	ng		-0.01
87) Perylene-d12	24.89	264	529803	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	295814	59.18	ng		0.00
7) Phenol-d6	7.20	99	241569	33.26	ng		0.00
23) Nitrobenzene-d5	9.20	82	587149	84.12	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	379280	140.86	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1216340	84.70	ng		0.00
79) Terphenyl-d14	20.03	244	1977911	78.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40440	16.800	ng		93
3) Pyridine	3.91	79	85517	12.000	ng		95
4) n-Nitrosodimethylamine	3.82	42	48270	17.853	ng	#	95
6) Aniline	7.36	93	185870	20.567	ng		95
8) 2-Chlorophenol	7.61	128	198785	39.836	ng		97
9) Benzaldehyde	7.17	77	225424	57.626	ng		98
10) Phenol	7.22	94	92756	12.900	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	246434	42.943	ng		96
12) 1,3-Dichlorobenzene	7.93	146	242766	39.493	ng		97
13) 1,4-Dichlorobenzene	8.08	146	238497	39.245	ng		98
14) 1,2-Dichlorobenzene	8.40	146	226600	39.316	ng		96
15) Benzyl Alcohol	8.28	79	155819	26.739	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	352546	34.812	ng		99
17) 2-Methylphenol	8.48	107	145263	29.824	ng		96
18) Hexachloroethane	9.13	117	91259	38.143	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	202771	39.539	ng		99
20) 3+4-Methylphenols	8.81	107	175613	26.155	ng		97
22) Acetophenone	8.86	105	374941	43.211	ng	#	97
24) Nitrobenzene	9.24	77	305498	42.182	ng		99
25) Isophorone	9.77	82	565780	41.533	ng		100
26) 2-Nitrophenol	9.96	139	131711	51.881	ng		97
27) 2,4-Dimethylphenol	10.01	122	191395	43.144	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	328631	40.423	ng		99
29) 2,4-Dichlorophenol	10.50	162	225590	43.537	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	250043	40.358	ng		94
31) Naphthalene	10.90	128	701318	41.335	ng		98
32) Benzoic acid	10.09	122	21512	14.640	ng	#	82
33) 4-Chloroaniline	11.00	127	150519	19.691	ng		98
34) Hexachlorobutadiene	11.20	225	159704	39.197	ng		95
35) Caprolactam	11.79	113	11735m	5.982	ng		
36) 4-Chloro-3-methylphenol	12.12	107	241177	39.026	ng		99
37) 2-Methylnaphthalene	12.51	142	532263	41.938	ng		96
38) 1-Methylnaphthalene	12.72	142	507375m	42.522	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	284091	41.947	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	349997	94.561	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	208964	46.492	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	221432	47.505	ng		98
46) 1,1'-Biphenyl	13.51	154	673463	40.980	ng		99
47) 2-Chloronaphthalene	13.55	162	512161	40.797	ng		98
48) 2-Nitroaniline	13.74	65	191519	43.576	ng		95
49) Acenaphthylene	14.40	152	860998	43.777	ng		98
50) Dimethylphthalate	14.13	163	804217	49.101	ng		99
51) 2,6-Dinitrotoluene	14.24	165	164286	49.761	ng		95
52) Acenaphthene	14.74	154	633452	49.179	ng		97
53) 3-Nitroaniline	14.57	138	90479	23.837	ng		99
54) 2,4-Dinitrophenol	14.77	184	186166	105.006	ng		92
55) Dibenzofuran	15.07	168	833577	44.627	ng		99
56) 4-Nitrophenol	14.87	139	94261	32.539	ng		92
57) 2,4-Dinitrotoluene	15.03	165	227409	50.224	ng	#	99
58) Fluorene	15.73	166	683292	44.470	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	213733m	49.804	ng		
60) Diethylphthalate	15.50	149	740726	43.360	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	365846	44.219	ng		99
62) 4-Nitroaniline	15.73	138	159641	39.443	ng		95
63) Azobenzene	16.01	77	733466	41.345	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	139835	59.623	ng		94
66) n-Nitrosodiphenylamine	15.93	169	607845	42.025	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	255044	42.466	ng		98
68) Hexachlorobenzene	16.74	284	285447	43.809	ng		98
69) Atrazine	16.88	200	249680	47.117	ng		99
70) Pentachlorophenol	17.07	266	356878	99.547	ng		98
71) Phenanthrene	17.46	178	1109638	43.223	ng		99
72) Anthracene	17.55	178	1128353	44.573	ng		99
73) Carbazole	17.82	167	1080839	44.449	ng		99
74) Di-n-butylphthalate	18.39	149	1285204	43.479	ng		100
75) Fluoranthene	19.47	202	1412104	46.196	ng		99
77) Benzidine	19.64	184	639243	41.978	ng		99
78) Pyrene	19.83	202	1400031	40.681	ng		99
80) Butylbenzylphthalate	20.72	149	619337	40.452	ng		98
81) Benzo(a)anthracene	21.67	228	1402412	41.520	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	376343	28.801	ng		99
83) Chrysene	21.74	228	1325516	41.083	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	850628	40.257	ng		98
85) Di-n-octyl phthalate	22.81	149	1472308	41.639	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1795920	42.457	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1539007	44.001	ng		99
89) Benzo(k)fluoranthene	23.95	252	1434124	43.328	ng		99
90) Benzo(a)pyrene	24.74	252	1350348	41.260	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1463409	45.324	ng		97
92) Benzo(g,h,i)perylene	29.68	276	1490558	45.693	ng		98

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

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