Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044894.D
Acq On : 19 Mar 2020 12:20
Operator : CG/JU
Sample : L1759-15MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:12 AM

Quant Time: Mar 19 14:50:29 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	8.04	152	74787	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	284175	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	197323	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	471808	20.00	ng	0.00
76) Chrysene-d12	21.69	240	468747	20.00	ng	-0.01
87) Perylene-d12	24.90	264	518310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	577802	120.27	ng	0.00
7) Phenol-d6	7.20	99	721996	103.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	588457	90.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411842	159.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1217831	88.38	ng	0.00
79) Terphenyl-d14	20.03	244	2196561	87.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	79379	34.311	ng	# 15
3) Pyridine	3.92	79	168891	24.660	ng	99
4) n-Nitrosodimethylamine	3.82	42	104831	40.342	ng	98
6) Aniline	7.37	93	200749	23.113	ng	99
8) 2-Chlorophenol	7.61	128	242300	50.523	ng	97
9) Benzaldehyde	7.17	77	167936	39.323	ng	98
10) Phenol	7.23	94	273081	39.516	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	244021	44.245	ng	99
12) 1,3-Dichlorobenzene	7.94	146	264337	44.744	ng	100
13) 1,4-Dichlorobenzene	8.08	146	264558	45.296	ng	98
14) 1,2-Dichlorobenzene	8.40	146	250079	45.147	ng	96
15) Benzyl Alcohol	8.28	79	256999	45.888	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	356008	36.578	ng	97
17) 2-Methylphenol	8.48	107	215100	45.951	ng	97
18) Hexachloroethane	9.13	117	106107	46.145	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	208463	42.295	ng	98
20) 3+4-Methylphenols	8.81	107	294789	45.683	ng	98
22) Acetophenone	8.86	105	376786	46.802	ng	98
24) Nitrobenzene	9.25	77	312040	46.438	ng	98
25) Isophorone	9.77	82	591961	46.835	ng	98
26) 2-Nitrophenol	9.96	139	135054	56.756	ng	98
27) 2,4-Dimethylphenol	10.01	122	230485	55.997	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	331099	43.896	ng	98
29) 2,4-Dichlorophenol	10.50	162	248600	51.710	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	270236	47.010	ng	93
31) Naphthalene	10.90	128	751225	47.721	ng	99
32) Benzoic acid	10.15	122	123100	40.327	ng	98
33) 4-Chloroaniline	11.00	127	46818	6.601	ng	94
34) Hexachlorobutadiene	11.20	225	179537	47.493	ng	99
35) Caprolactam	11.77	113	64045m	35.185	ng	
36) 4-Chloro-3-methylphenol	12.12	107	289302	50.456	ng	97
37) 2-Methylnaphthalene	12.51	142	560244	47.577	ng	98
38) 1-Methylnaphthalene	12.72	142	526633	47.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	295789	45.517	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	361095	101.676	ng		100
43) 2,4,6-Trichlorophenol	13.11	196	222771	51.655	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	238856	53.405	ng		93
46) 1,1'-Biphenyl	13.51	154	711921	45.148	ng		99
47) 2-Chloronaphthalene	13.55	162	538589	44.712	ng		97
48) 2-Nitroaniline	13.75	65	208274	49.387	ng		99
49) Acenaphthylene	14.40	152	911218	48.285	ng		99
50) Dimethylphthalate	14.13	163	810960	51.601	ng		98
51) 2,6-Dinitrotoluene	14.24	165	176888	55.839	ng		98
52) Acenaphthene	14.74	154	662361	53.593	ng		99
53) 3-Nitroaniline	14.57	138	88237	24.227	ng		97
54) 2,4-Dinitrophenol	14.77	184	193232	112.910	ng		91
55) Dibenzofuran	15.07	168	879669	49.082	ng		98
56) 4-Nitrophenol	14.88	139	270456	97.302	ng		95
57) 2,4-Dinitrotoluene	15.03	165	244177	56.202	ng		98
58) Fluorene	15.73	166	719484	48.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	232736	56.521	ng		95
60) Diethylphthalate	15.50	149	794547	48.473	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	385257	48.530	ng		99
62) 4-Nitroaniline	15.73	138	182381	46.962	ng		92
63) Azobenzene	16.01	77	779132	45.772	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144996	62.520	ng		94
66) n-Nitrosodiphenylamine	15.93	169	666936	46.952	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	278126	47.154	ng		99
68) Hexachlorobenzene	16.74	284	298990	46.725	ng		97
69) Atrazine	16.88	200	277130	53.251	ng		100
70) Pentachlorophenol	17.07	266	390485	110.908	ng		99
71) Phenanthrene	17.47	178	1214924	48.187	ng		99
72) Anthracene	17.55	178	1243758	50.028	ng		99
73) Carbazole	17.82	167	1178260	49.339	ng		99
74) Di-n-butylphthalate	18.39	149	1388893	47.844	ng		99
75) Fluoranthene	19.47	202	1542131	51.370	ng		98
77) Benzidine	19.64	184	391250	25.711	ng		99
78) Pyrene	19.83	202	1536713	44.684	ng		98
80) Butylbenzylphthalate	20.72	149	675359	44.142	ng		98
81) Benzo(a)anthracene	21.67	228	1518352	44.984	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	251131	19.232	ng		98
83) Chrysene	21.74	228	1445192	44.823	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	928084	43.953	ng		99
85) Di-n-octyl phthalate	22.81	149	1581424	44.756	ng		100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1952289	46.186	ng	#	97
88) Benzo(b)fluoranthene	23.88	252	1653695	48.329	ng		98
89) Benzo(k)fluoranthene	23.95	252	1558238	48.121	ng		99
90) Benzo(a)pyrene	24.74	252	1502194	46.918	ng		97
91) Dibenzo(a,h)anthracene	28.62	278	1575829	49.888	ng		96
92) Benzo(g,h,i)perylene	29.69	276	1633470	51.184	ng		98

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

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