Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044817.D
Acq On : 16 Mar 2020 17:38
Operator : CG/JU
Sample : L1912-17MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-3MSD

Manual Integrations APPROVED
mohammad
3/18/2020 8:44:15 AM

Quant Time: Mar 16 18:23:35 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	87318	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	351105	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	249803	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	605132	20.00	ng		0.00
76) Chrysene-d12	21.70	240	519120	20.00	ng		0.00
87) Perylene-d12	24.91	264	611550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	571280	101.85	ng		0.00
7) Phenol-d6	7.20	99	794351	97.47	ng		0.00
23) Nitrobenzene-d5	9.21	82	510556	63.81	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	363006	110.98	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1042558	59.77	ng		0.00
79) Terphenyl-d14	20.04	244	1760871	63.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	88817	32.881	ng		98
3) Pyridine	3.91	79	231745	28.981	ng		97
4) n-Nitrosodimethylamine	3.82	42	112080	36.942	ng	#	94
6) Aniline	7.37	93	200727	19.794	ng		99
8) 2-Chlorophenol	7.62	128	254565	45.463	ng		98
9) Benzaldehyde	7.17	77	200340m	40.518	ng		
10) Phenol	7.23	94	346879	42.992	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	251705	39.089	ng		95
12) 1,3-Dichlorobenzene	7.94	146	273785	39.692	ng		96
13) 1,4-Dichlorobenzene	8.09	146	273047	40.041	ng		99
14) 1,2-Dichlorobenzene	8.41	146	252864	39.098	ng		98
15) Benzyl Alcohol	8.28	79	265466	40.598	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382717	33.679	ng		99
17) 2-Methylphenol	8.49	107	236814	43.329	ng		96
18) Hexachloroethane	9.14	117	104962	39.096	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	214675	37.305	ng		98
20) 3+4-Methylphenols	8.81	107	323857	42.985	ng		96
22) Acetophenone	8.87	105	386359	38.843	ng		99
24) Nitrobenzene	9.25	77	324883	39.132	ng		97
25) Isophorone	9.78	82	598648	38.336	ng		99
26) 2-Nitrophenol	9.97	139	138551	48.062	ng		98
27) 2,4-Dimethylphenol	10.02	122	235072	46.225	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	342257	36.725	ng		99
29) 2,4-Dichlorophenol	10.50	162	256036	43.105	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	274835	38.696	ng		94
31) Naphthalene	10.91	128	765800	39.374	ng		99
32) Benzoic acid	10.15	122	162018	42.327	ng		98
33) 4-Chloroaniline	11.01	127	98066	11.191	ng		96
34) Hexachlorobutadiene	11.21	225	181914	38.949	ng		97
35) Caprolactam	11.77	113	101320m	45.053	ng		
36) 4-Chloro-3-methylphenol	12.13	107	301222	42.520	ng		97
37) 2-Methylnaphthalene	12.52	142	566999	38.972	ng		98
38) 1-Methylnaphthalene	12.73	142	543421	39.730	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	304856	37.057	ng		98

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Quant Time: Mar 16 18:23:35 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)
41) Hexachlorocyclopentadiene	12.87	237	419513	93.308	ng		100
43) 2,4,6-Trichlorophenol	13.11	196	231139	42.335	ng		100
44) 2,4,5-Trichlorophenol	13.19	196	247086	43.639	ng		98
46) 1,1'-Biphenyl	13.52	154	728388	36.488	ng		100
47) 2-Chloronaphthalene	13.56	162	558176	36.603	ng		98
48) 2-Nitroaniline	13.75	65	215781	40.418	ng		97
49) Acenaphthylene	14.41	152	946824	39.632	ng		99
50) Dimethylphthalate	14.14	163	907801	45.628	ng		99
51) 2,6-Dinitrotoluene	14.24	165	180262	44.949	ng		97
52) Acenaphthene	14.75	154	688930	44.032	ng		99
53) 3-Nitroaniline	14.57	138	81724	17.725	ng		87
54) 2,4-Dinitrophenol	14.78	184	198518	93.198	ng		93
55) Dibenzofuran	15.08	168	906490	39.953	ng		98
56) 4-Nitrophenol	14.88	139	325025	92.368	ng		96
57) 2,4-Dinitrotoluene	15.04	165	251630	45.750	ng		100
58) Fluorene	15.73	166	751709	40.275	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	244303m	46.865	ng		
60) Diethylphthalate	15.51	149	830551	40.025	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	406450	40.443	ng		99
62) 4-Nitroaniline	15.74	138	192903	39.236	ng		97
63) Azobenzene	16.02	77	839699	38.967	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144901	50.420	ng		99
66) n-Nitrosodiphenylamine	15.94	169	692265	37.998	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	290948	38.460	ng		99
68) Hexachlorobenzene	16.74	284	313125	38.152	ng		99
69) Atrazine	16.89	200	288875	43.278	ng		98
70) Pentachlorophenol	17.08	266	404723	89.625	ng		99
71) Phenanthrene	17.47	178	1270697	39.295	ng		99
72) Anthracene	17.56	178	1300206	40.776	ng		97
73) Carbazole	17.83	167	1226916	40.057	ng		99
74) Di-n-butylphthalate	18.40	149	1470538	39.495	ng		99
75) Fluoranthene	19.48	202	1540232	40.003	ng		100
77) Benzidine	19.65	184	400831	23.784	ng		99
78) Pyrene	19.84	202	1533645	40.268	ng		99
80) Butylbenzylphthalate	20.73	149	653032	38.541	ng		100
81) Benzo(a)anthracene	21.68	228	1467265	39.252	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	288126	19.924	ng		98
83) Chrysene	21.75	228	1379798	38.642	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	913703	39.073	ng		96
85) Di-n-octyl phthalate	22.82	149	1564934	39.992	ng		100
86) Indeno(1,2,3-cd)pyrene	28.57	276	1864321	39.825	ng	#	93
88) Benzo(b)fluoranthene	23.90	252	1538363	38.104	ng		98
89) Benzo(k)fluoranthene	23.96	252	1523733	39.881	ng		98
90) Benzo(a)pyrene	24.76	252	1434252	37.966	ng		97
91) Dibenzo(a,h)anthracene	28.63	278	1513162	40.600	ng		97
92) Benzo(g,h,i)perylene	29.70	276	1533960	40.738	ng		98

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

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