Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044816.D
Acq On : 16 Mar 2020 16:59
Operator : CG/JU
Sample : L1912-17MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Manual Integrations APPROVED
mohammad
3/18/2020 8:44:12 AM

Quant Time: Mar 16 18:19:53 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	85886	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	341039	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	241714	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	605853	20.00	ng		0.00
76) Chrysene-d12	21.70	240	517018	20.00	ng		0.00
87) Perylene-d12	24.91	264	622496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	533347	96.67	ng		0.00
7) Phenol-d6	7.20	99	742944	92.68	ng		0.00
23) Nitrobenzene-d5	9.21	82	476276	61.28	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	339341	107.22	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	964868	57.16	ng		0.00
79) Terphenyl-d14	20.04	244	1679524	60.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	79908	30.076	ng		99
3) Pyridine	3.91	79	200435	25.484	ng		97
4) n-Nitrosodimethylamine	3.82	42	100973	33.836	ng		86
6) Aniline	7.37	93	166680	16.710	ng		95
8) 2-Chlorophenol	7.61	128	224935	40.841	ng		98
9) Benzaldehyde	7.18	77	174402m	34.302	ng		
10) Phenol	7.23	94	299273	37.710	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	216883	34.243	ng		97
12) 1,3-Dichlorobenzene	7.94	146	234958	34.631	ng		97
13) 1,4-Dichlorobenzene	8.08	146	235663	35.135	ng		98
14) 1,2-Dichlorobenzene	8.41	146	219035	34.432	ng		98
15) Benzyl Alcohol	8.28	79	224675	34.933	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	336546	30.110	ng		99
17) 2-Methylphenol	8.49	107	200555	37.307	ng		96
18) Hexachloroethane	9.14	117	90914	34.428	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	184898	32.666	ng		99
20) 3+4-Methylphenols	8.81	107	275176	37.133	ng		93
22) Acetophenone	8.87	105	325212	33.660	ng		100
24) Nitrobenzene	9.25	77	276218	34.253	ng		98
25) Isophorone	9.78	82	509556	33.593	ng	#	98
26) 2-Nitrophenol	9.96	139	117662	42.714	ng		99
27) 2,4-Dimethylphenol	10.02	122	198694	40.225	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	294571	32.541	ng		99
29) 2,4-Dichlorophenol	10.50	162	217530	37.703	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	237475	34.423	ng		97
31) Naphthalene	10.91	128	655133	34.678	ng		99
32) Benzoic acid	10.14	122	131880	37.037	ng		99
33) 4-Chloroaniline	11.00	127	90173	10.594	ng		97
34) Hexachlorobutadiene	11.21	225	153185	33.766	ng		97
35) Caprolactam	11.77	113	86634m	39.659	ng		
36) 4-Chloro-3-methylphenol	12.13	107	260935	37.921	ng		99
37) 2-Methylnaphthalene	12.51	142	490013	34.674	ng		95
38) 1-Methylnaphthalene	12.73	142	465895	35.067	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	263628	33.118	ng		98

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Quant Time: Mar 16 18:19:53 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	347182	79.805 ng	99
43) 2,4,6-Trichlorophenol	13.11	196	191777	36.301 ng	98
44) 2,4,5-Trichlorophenol	13.18	196	214467	39.145 ng	96
46) 1,1'-Biphenyl	13.52	154	625017	32.358 ng	99
47) 2-Chloronaphthalene	13.56	162	480604	32.571 ng	96
48) 2-Nitroaniline	13.75	65	186012	36.008 ng	98
49) Acenaphthylene	14.41	152	813662	35.198 ng	99
50) Dimethylphthalate	14.14	163	792359	41.158 ng	100
51) 2,6-Dinitrotoluene	14.25	165	150602	38.810 ng	98
52) Acenaphthene	14.75	154	585244	38.657 ng	97
53) 3-Nitroaniline	14.57	138	70697	15.846 ng	91
54) 2,4-Dinitrophenol	14.78	184	163610	80.614 ng	89
55) Dibenzofuran	15.08	168	783897	35.706 ng	100
56) 4-Nitrophenol	14.88	139	282420	82.946 ng	96
57) 2,4-Dinitrotoluene	15.03	165	218161	40.992 ng	98
58) Fluorene	15.73	166	650429	36.015 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	213201	42.268 ng	95
60) Diethylphthalate	15.50	149	708786	35.300 ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	348754	35.864 ng	99
62) 4-Nitroaniline	15.73	138	164461	34.571 ng	96
63) Azobenzene	16.02	77	729281	34.975 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123363	44.031 ng	99
66) n-Nitrosodiphenylamine	15.93	169	599176	32.849 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	242944	32.076 ng	99
68) Hexachlorobenzene	16.74	284	267164	32.514 ng	96
69) Atrazine	16.89	200	250846	37.536 ng	98
70) Pentachlorophenol	17.08	266	341889	75.621 ng	99
71) Phenanthrene	17.47	178	1116564	34.488 ng	99
72) Anthracene	17.56	178	1139271	35.687 ng	98
73) Carbazole	17.83	167	1065882	34.758 ng	98
74) Di-n-butylphthalate	18.40	149	1293377	34.696 ng	99
75) Fluoranthene	19.48	202	1365131	35.413 ng	100
77) Benzidine	19.65	184	330035	19.663 ng	99
78) Pyrene	19.83	202	1363959	35.958 ng	99
80) Butylbenzylphthalate	20.73	149	579458	34.338 ng	99
81) Benzo(a)anthracene	21.68	228	1305741	35.073 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	245629	17.054 ng	99
83) Chrysene	21.74	228	1241703	34.916 ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	807805	34.685 ng	97
85) Di-n-octyl phthalate	22.83	149	1392858	35.739 ng	99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1644232	35.267 ng	99
88) Benzo(b)fluoranthene	23.89	252	1399725	34.060 ng	98
89) Benzo(k)fluoranthene	23.96	252	1312279	33.743 ng	100
90) Benzo(a)pyrene	24.76	252	1279844	33.283 ng	97
91) Dibenzo(a,h)anthracene	28.62	278	1337639	35.260 ng	97
92) Benzo(g,h,i)perylene	29.70	276	1367215	35.671 ng	98

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

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