Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044949.D
Acq On : 25 Mar 2020 4:38
Operator : CG/JU
Sample : L1994-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:55 PM

Quant Time: Mar 25 09:30:56 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 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72682	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	283338	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	191355	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	441608	20.00	ng		0.00
76) Chrysene-d12	21.69	240	425107	20.00	ng		-0.01
87) Perylene-d12	24.89	264	475359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	603051	129.16	ng		0.00
7) Phenol-d6	7.20	99	776168	114.42	ng		0.00
23) Nitrobenzene-d5	9.20	82	582354	90.19	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	397722	158.74	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1264990	94.67	ng		0.00
79) Terphenyl-d14	20.03	244	2063862	90.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	83263	37.032	ng	#	47
3) Pyridine	3.92	79	151646	22.783	ng		99
4) n-Nitrosodimethylamine	3.82	42	111409	44.115	ng	#	99
6) Aniline	7.37	93	137196	16.253	ng		92
8) 2-Chlorophenol	7.61	128	263103	56.449	ng		97
9) Benzaldehyde	7.17	77	209391	57.096	ng		97
10) Phenol	7.23	94	308414	45.922	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	260283	48.560	ng		96
12) 1,3-Dichlorobenzene	7.93	146	293532	51.125	ng		98
13) 1,4-Dichlorobenzene	8.08	146	289392	50.983	ng		96
14) 1,2-Dichlorobenzene	8.40	146	270096	50.173	ng		95
15) Benzyl Alcohol	8.28	79	266095	48.889	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384793	40.680	ng		96
17) 2-Methylphenol	8.48	107	237490	52.203	ng		95
18) Hexachloroethane	9.13	117	111184	49.753	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	218848	45.688	ng		99
20) 3+4-Methylphenols	8.81	107	323488	51.583	ng		98
22) Acetophenone	8.86	105	403804	50.306	ng	#	99
24) Nitrobenzene	9.24	77	338369	50.505	ng		97
25) Isophorone	9.77	82	613947	48.718	ng		97
26) 2-Nitrophenol	9.96	139	152418	63.515	ng		97
27) 2,4-Dimethylphenol	10.01	122	234606	57.167	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	348423	46.329	ng		99
29) 2,4-Dichlorophenol	10.50	162	272473	56.844	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	296264	51.690	ng		96
31) Naphthalene	10.90	128	804774	51.274	ng		99
32) Benzoic acid	10.16	122	129345	41.977	ng		97
33) 4-Chloroaniline	11.00	127	29650	4.193	ng	#	94
34) Hexachlorobutadiene	11.20	225	192610	51.102	ng		89
35) Caprolactam	11.77	113	67745m	37.328	ng		
36) 4-Chloro-3-methylphenol	12.12	107	303884	53.156	ng	#	96
37) 2-Methylnaphthalene	12.51	142	607398	51.734	ng		97
38) 1-Methylnaphthalene	12.72	142	572758	51.890	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	328887	52.189	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	425731	123.614	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	238910	57.125	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	256226	59.075	ng		96
46) 1,1'-Biphenyl	13.51	154	759347	49.658	ng		99
47) 2-Chloronaphthalene	13.55	162	592443	50.716	ng		97
48) 2-Nitroaniline	13.75	65	214479	52.445	ng		97
49) Acenaphthylene	14.40	152	967083	52.844	ng		98
50) Dimethylphthalate	14.13	163	790168	51.846	ng		100
51) 2,6-Dinitrotoluene	14.24	165	179066	58.289	ng		97
52) Acenaphthene	14.74	154	687370	57.351	ng		97
53) 3-Nitroaniline	14.57	138	73296	20.753	ng		100
54) 2,4-Dinitrophenol	14.77	184	162434	98.982	ng		95
55) Dibenzofuran	15.07	168	919417	52.900	ng		96
56) 4-Nitrophenol	14.88	139	278349	103.265	ng		94
57) 2,4-Dinitrotoluene	15.03	165	253203	60.097	ng		92
58) Fluorene	15.72	166	771382	53.953	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	248582	62.252	ng		97
60) Diethylphthalate	15.49	149	815058	51.275	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	411126	53.404	ng		98
62) 4-Nitroaniline	15.73	138	182329	48.413	ng		91
63) Azobenzene	16.01	77	805079	48.772	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	138428	63.615	ng		92
66) n-Nitrosodiphenylamine	15.93	169	699411	52.605	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	288384	52.237	ng		96
68) Hexachlorobenzene	16.73	284	317243	52.967	ng		99
69) Atrazine	16.88	200	285535	58.618	ng		99
70) Pentachlorophenol	17.07	266	376169	114.148	ng		99
71) Phenanthrene	17.46	178	1241715	52.618	ng		99
72) Anthracene	17.55	178	1267925	54.488	ng		99
73) Carbazole	17.82	167	1191554	53.308	ng		99
74) Di-n-butylphthalate	18.39	149	1420122	52.265	ng		99
75) Fluoranthene	19.47	202	1557122	55.417	ng		99
77) Benzidine	19.64	184	120818	8.755	ng		94
78) Pyrene	19.83	202	1552624	49.781	ng		99
80) Butylbenzylphthalate	20.72	149	656463	47.312	ng		97
81) Benzo(a)anthracene	21.67	228	1486072	48.547	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	269001	22.715	ng		98
83) Chrysene	21.74	228	1424503	48.717	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	910972	47.572	ng		98
85) Di-n-octyl phthalate	22.81	149	1558371	48.631	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1942772	50.679	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1655601	52.756	ng		99
89) Benzo(k)fluoranthene	23.95	252	1565944	52.729	ng		99
90) Benzo(a)pyrene	24.74	252	1521509	51.815	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1564334	53.999	ng	#	97
92) Benzo(g,h,i)perylene	29.68	276	1583079	54.087	ng		96

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

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