Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045759.D
Acq On : 13 Jun 2020 5:18
Operator : CG/JU
Sample : L2979-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:02 AM

Quant Time: Jun 13 06:57:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63688	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	239532	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	163586	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	373701	20.00	ng		0.00
76) Chrysene-d12	21.61	240	328766	20.00	ng		0.00
87) Perylene-d12	24.75	264	360702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	375014	115.07	ng		0.05
7) Phenol-d6	7.21	99	537482	115.88	ng		0.06
23) Nitrobenzene-d5	9.12	82	342707	78.02	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	236341	112.97	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	753899	78.17	ng		0.00
79) Terphenyl-d14	19.96	244	1190136	84.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	63305	39.173	ng		96
3) Pyridine	3.80	79	181253	40.272	ng		95
4) n-Nitrosodimethylamine	3.72	42	75412	51.204	ng		90
6) Aniline	7.29	93	177247	29.273	ng		97
8) 2-Chlorophenol	7.55	128	193743	54.213	ng		97
9) Benzaldehyde	7.09	77	145488	48.143	ng		95
10) Phenol	7.24	94	259138	54.208	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	171554	46.008	ng		99
12) 1,3-Dichlorobenzene	7.84	146	206186	48.010	ng		96
13) 1,4-Dichlorobenzene	7.99	146	207936	49.062	ng		94
14) 1,2-Dichlorobenzene	8.31	146	197545	48.461	ng		97
15) Benzyl Alcohol	8.22	79	193161	50.411	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	164167	46.382	ng		65
17) 2-Methylphenol	8.47	107	173514	48.493	ng	#	91
18) Hexachloroethane	9.03	117	78851	48.577	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	154706	48.233	ng		99
20) 3+4-Methylphenols	8.80	107	226243	46.433	ng		92
22) Acetophenone	8.78	105	286873	50.531	ng	#	96
24) Nitrobenzene	9.16	77	238428	50.663	ng		97
25) Isophorone	9.68	82	416917	48.195	ng		99
26) 2-Nitrophenol	9.87	139	106957	53.128	ng		93
27) 2,4-Dimethylphenol	9.98	122	172720	57.845	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	238093	52.482	ng		99
29) 2,4-Dichlorophenol	10.46	162	197182	55.922	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	216687	52.007	ng		96
31) Naphthalene	10.81	128	573087	51.343	ng		98
32) Benzoic acid	10.20	122	119520	56.588	ng		97
33) 4-Chloroaniline	10.94	127	106257	22.774	ng		97
34) Hexachlorobutadiene	11.10	225	147872	50.209	ng		100
35) Caprolactam	11.72	113	61208m	47.293	ng		
36) 4-Chloro-3-methylphenol	12.12	107	226253	56.944	ng		94
37) 2-Methylnaphthalene	12.42	142	432769	52.019	ng		98
38) 1-Methylnaphthalene	12.64	142	412795m	52.526	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	242378	53.046	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	222058	84.200 ng	100
43) 2,4,6-Trichlorophenol	13.06	196	173347	54.614 ng	95
44) 2,4,5-Trichlorophenol	13.16	196	183325	50.543 ng	98
46) 1,1'-Biphenyl	13.43	154	536412	53.366 ng	98
47) 2-Chloronaphthalene	13.47	162	421755	51.671 ng	98
48) 2-Nitroaniline	13.70	65	139586	51.989 ng	94
49) Acenaphthylene	14.32	152	673854	51.397 ng	99
50) Dimethylphthalate	14.05	163	601120	53.567 ng	98
51) 2,6-Dinitrotoluene	14.18	165	127499	50.351 ng	99
52) Acenaphthene	14.66	154	411049	46.838 ng	97
53) 3-Nitroaniline	14.52	138	89204	34.654 ng	98
54) 2,4-Dinitrophenol	14.73	184	111145	67.891 ng	92
55) Dibenzofuran	14.99	168	656710	50.390 ng	95
56) 4-Nitrophenol	14.92	139	165276	84.807 ng	94
57) 2,4-Dinitrotoluene	14.97	165	179508	48.948 ng	95
58) Fluorene	15.65	166	549141	51.288 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	173765	54.454 ng	100
60) Diethylphthalate	15.42	149	568106	48.639 ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	303787	49.583 ng	98
62) 4-Nitroaniline	15.70	138	111601	41.529 ng	99
63) Azobenzene	15.93	77	561768	51.581 ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	103633	47.616 ng	96
66) n-Nitrosodiphenylamine	15.86	169	480219	53.521 ng	98
67) 4-Bromophenyl-phenylether	16.53	248	208099	51.426 ng	97
68) Hexachlorobenzene	16.66	284	228070	53.887 ng	96
69) Atrazine	16.82	200	181252	49.044 ng	98
70) Pentachlorophenol	17.02	266	222908	101.432 ng	98
71) Phenanthrene	17.39	178	907241	55.611 ng	99
72) Anthracene	17.48	178	871585	53.200 ng	98
73) Carbazole	17.76	167	792404	49.619 ng	99
74) Di-n-butylphthalate	18.31	149	941766	49.133 ng	100
75) Fluoranthene	19.40	202	1110872	53.534 ng	100
77) Benzidine	19.58	184	386358	41.843 ng	99
78) Pyrene	19.76	202	1070899	57.142 ng	99
80) Butylbenzylphthalate	20.65	149	412765	51.026 ng	96
81) Benzo(a)anthracene	21.59	228	991534	54.139 ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	255649	35.586 ng	98
83) Chrysene	21.65	228	952906	54.111 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	576161	51.814 ng	99
85) Di-n-octyl phthalate	22.68	149	955366	50.024 ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1216971	52.847 ng	98
88) Benzo(b)fluoranthene	23.76	252	1064546	55.030 ng	99
89) Benzo(k)fluoranthene	23.83	252	977949	53.810 ng	99
90) Benzo(a)pyrene	24.61	252	955118	53.014 ng	98
91) Dibenzo(a,h)anthracene	28.40	278	984413	54.373 ng	96
92) Benzo(g,h,i)perylene	29.45	276	995663	54.988 ng	99

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

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