Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045732.D
Acq On : 11 Jun 2020 22:19
Operator : CG/JU
Sample : L2810-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-060920MS

Manual Integrations APPROVED
mohammad
6/15/2020 8:44:32 AM

Quant Time: Jun 12 03:25:33 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	7.94	152	43996	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	181187	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	132927	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	327466	20.00	ng	0.00
76) Chrysene-d12	21.60	240	302864	20.00	ng	0.00
87) Perylene-d12	24.74	264	340790	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	336698	149.56	ng	0.00
7) Phenol-d6	7.14	99	418146	130.50	ng	-0.01
23) Nitrobenzene-d5	9.10	82	366100	110.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	286465	168.51	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	839829	107.17	ng	0.00
79) Terphenyl-d14	19.95	244	1512971	116.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	42581	38.143	ng	# 49
3) Pyridine	3.81	79	123825	39.826	ng	95
4) n-Nitrosodimethylamine	3.71	42	54976	54.036	ng	84
6) Aniline	7.27	93	126740	30.300	ng	100
8) 2-Chlorophenol	7.52	128	144108	58.372	ng	99
9) Benzaldehyde	7.08	77	89979	43.101	ng	99
10) Phenol	7.16	94	155454	47.074	ng	95
11) bis(2-Chloroethyl)ether	7.36	93	136751	53.090	ng	93
12) 1,3-Dichlorobenzene	7.83	146	148523	50.062	ng	96
13) 1,4-Dichlorobenzene	7.98	146	152465	52.075	ng	95
14) 1,2-Dichlorobenzene	8.30	146	144058	51.158	ng	98
15) Benzyl Alcohol	8.19	79	149488	56.475	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	126411	51.701	ng	99
17) 2-Methylphenol	8.40	107	126271	51.085	ng	97
18) Hexachloroethane	9.03	117	59258	52.846	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	128369	57.935	ng	98
20) 3+4-Methylphenols	8.74	107	167023	49.622	ng	93
22) Acetophenone	8.77	105	227042	52.870	ng	# 97
24) Nitrobenzene	9.15	77	196383	55.167	ng	97
25) Isophorone	9.67	82	355883	54.387	ng	99
26) 2-Nitrophenol	9.86	139	82806	54.376	ng	97
27) 2,4-Dimethylphenol	9.94	122	134552	59.573	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	190929	55.638	ng	99
29) 2,4-Dichlorophenol	10.41	162	150704	56.504	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	166568	52.852	ng	96
31) Naphthalene	10.80	128	457078	54.136	ng	98
32) Benzoic acid	10.10	122	49594	35.567	ng	94
33) 4-Chloroaniline	10.92	127	28961	8.206	ng	97
34) Hexachlorobutadiene	11.09	225	113948	51.149	ng	99
35) Caprolactam	11.69	113	39980	40.839	ng	93
36) 4-Chloro-3-methylphenol	12.06	107	179650	59.775	ng	95
37) 2-Methylnaphthalene	12.41	142	353056	56.103	ng	95
38) 1-Methylnaphthalene	12.63	142	338102	56.876	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	198294	53.408	ng	99

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Quant Time: Jun 12 03:25:33 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)
41) Hexachlorocyclopentadiene	12.76	237	194915	90.954	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	142746	55.345	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	152242	51.654	ng		99
46) 1,1'-Biphenyl	13.42	154	452316	55.378	ng		99
47) 2-Chloronaphthalene	13.46	162	353299	53.268	ng		98
48) 2-Nitroaniline	13.67	65	122890	56.327	ng		94
49) Acenaphthylene	14.31	152	585988	55.004	ng		98
50) Dimethylphthalate	14.04	163	610009	66.897	ng		97
51) 2,6-Dinitrotoluene	14.16	165	114472	55.633	ng		97
52) Acenaphthene	14.65	154	446376m	62.594	ng		
53) 3-Nitroaniline	14.50	138	42776	20.451	ng		92
54) 2,4-Dinitrophenol	14.71	184	132817	97.272	ng		93
55) Dibenzofuran	14.99	168	578383	54.616	ng		95
56) 4-Nitrophenol	14.84	139	127599	80.575	ng		87
57) 2,4-Dinitrotoluene	14.95	165	164333	55.145	ng		96
58) Fluorene	15.64	166	496526	57.070	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	148791	57.382	ng		96
60) Diethylphthalate	15.41	149	525083	55.324	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	272817	54.798	ng		99
62) 4-Nitroaniline	15.67	138	111164	50.908	ng		95
63) Azobenzene	15.92	77	508182	57.422	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	107741	56.493	ng		96
66) n-Nitrosodiphenylamine	15.85	169	444622	56.550	ng		97
67) 4-Bromophenyl-phenylether	16.52	248	190778	53.802	ng		97
68) Hexachlorobenzene	16.65	284	207574	55.969	ng		97
69) Atrazine	16.80	200	171664	53.008	ng		95
70) Pentachlorophenol	17.00	266	202460	105.134	ng		96
71) Phenanthrene	17.38	178	807617	56.494	ng		99
72) Anthracene	17.47	178	816944	56.905	ng		99
73) Carbazole	17.74	167	759028	54.240	ng		99
74) Di-n-butylphthalate	18.30	149	904659	53.861	ng		100
75) Fluoranthene	19.39	202	1004357	55.235	ng		99
77) Benzidine	19.57	184	345434	40.610	ng		99
78) Pyrene	19.75	202	984944	57.050	ng		100
80) Butylbenzylphthalate	20.64	149	390439	52.394	ng		98
81) Benzo(a)anthracene	21.58	228	926997	54.944	ng		99
82) 3,3'-Dichlorobenzidine	21.49	252	172660	26.089	ng		98
83) Chrysene	21.64	228	890735	54.907	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	548861	53.581	ng		100
85) Di-n-octyl phthalate	22.67	149	942086	53.547	ng		99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1199669	56.551	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	1030151	56.363	ng		100
89) Benzo(k)fluoranthene	23.81	252	981565m	57.164	ng		
90) Benzo(a)pyrene	24.59	252	927487	54.488	ng		98
91) Dibenzo(a,h)anthracene	28.37	278	978857	57.225	ng		98
92) Benzo(g,h,i)perylene	29.42	276	975315	57.011	ng		97

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

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