Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045915.D
Acq On : 2 Jul 2020 15:23
Operator : CG/JU
Sample : L3153-44MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:37 AM

Quant Time: Jul 03 00:52:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	51481	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	195580	20.00	ng		0.00
39) Acenaphthene-d10	14.51	164	139435	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	336344	20.00	ng		0.00
76) Chrysene-d12	21.52	240	336042	20.00	ng		0.00
86) Perylene-d12	24.59	264	349668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	420136	137.86	ng		0.00
7) Phenol-d6	7.08	99	548809	118.39	ng		0.00
23) Nitrobenzene-d5	9.02	82	425235	99.33	ng		0.00
42) 2,4,6-Tribromophenol	16.02	330	297611	141.38	ng		0.00
45) 2-Fluorobiphenyl	13.13	172	927998	97.81	ng		0.00
79) Terphenyl-d14	19.89	244	1668189	100.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	62417	44.717	ng	#	71
3) Pyridine	3.70	79	136788	33.071	ng		94
4) n-Nitrosodimethylamine	3.60	42	73314	52.805	ng		93
6) Aniline	7.18	93	138292	25.336	ng		97
8) 2-Chlorophenol	7.43	128	166857	51.150	ng		98
9) Benzaldehyde	6.99	77	35940	12.908	ng		95
10) Phenol	7.10	94	195342	43.490	ng		97
11) bis(2-Chloroethyl)ether	7.28	93	160774	47.125	ng		98
12) 1,3-Dichlorobenzene	7.74	146	191989	49.387	ng		98
13) 1,4-Dichlorobenzene	7.89	146	194269	50.031	ng		96
14) 1,2-Dichlorobenzene	8.21	146	179168	48.198	ng		98
15) Benzyl Alcohol	8.11	79	180356	50.276	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.39	45	153766	47.822	ng		98
17) 2-Methylphenol	8.34	107	146008	43.680	ng		95
18) Hexachloroethane	8.94	117	75435	51.151	ng		93
19) n-Nitroso-di-n-propylamine	8.67	70	150533	49.393	ng		98
20) 3+4-Methylphenols	8.67	107	195438	44.456	ng		96
22) Acetophenone	8.68	105	264668	49.304	ng	#	97
24) Nitrobenzene	9.06	77	224574	49.197	ng		98
25) Isophorone	9.58	82	403335	48.665	ng		99
26) 2-Nitrophenol	9.78	139	93162	48.987	ng		97
27) 2,4-Dimethylphenol	9.87	122	152811	52.630	ng		98
28) bis(2-Chloroethoxy)methane	10.07	93	224838	51.934	ng		96
29) 2,4-Dichlorophenol	10.34	162	171711	50.689	ng		94
30) 1,2,4-Trichlorobenzene	10.52	180	197175	49.167	ng		99
31) Naphthalene	10.71	128	524077	49.013	ng		99
32) Benzoic acid	10.06	122	58100	34.061	ng		92
33) 4-Chloroaniline	10.84	127	42854	9.570	ng		95
34) Hexachlorobutadiene	11.00	225	141041	49.452	ng		98
35) Caprolactam	11.61	113	50092m	45.696	ng		
36) 4-Chloro-3-methylphenol	12.00	107	199707	51.059	ng		99
37) 2-Methylnaphthalene	12.33	142	400733	50.329	ng		97
38) 1-Methylnaphthalene	12.55	142	377634	50.119	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	224946	48.994	ng		97

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Sohil
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Quant Time: Jul 03 00:52:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	242593	94.009	ng		98
43) 2,4,6-Trichlorophenol	12.96	196	148282	47.635	ng		95
44) 2,4,5-Trichlorophenol	13.05	196	155449	43.816	ng		98
46) 1,1'-Biphenyl	13.34	154	496890	49.775	ng		98
47) 2-Chloronaphthalene	13.39	162	390407	48.414	ng		99
48) 2-Nitroaniline	13.60	65	132346	49.340	ng		92
49) Acenaphthylene	14.23	152	630614	48.823	ng		99
50) Dimethylphthalate	13.97	163	590397	54.049	ng		99
51) 2,6-Dinitrotoluene	14.09	165	123047	50.154	ng		90
52) Acenaphthene	14.58	154	385248	49.206	ng		97
53) 3-Nitroaniline	14.43	138	60101	24.525	ng		93
54) 2,4-Dinitrophenol	14.64	184	120817	87.489	ng		95
55) Dibenzofuran	14.91	168	628464	49.413	ng		100
56) 4-Nitrophenol	14.80	139	136217	77.704	ng		96
57) 2,4-Dinitrotoluene	14.89	165	176437	50.193	ng		99
58) Fluorene	15.57	166	530765	50.186	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.16	232	140283	45.558	ng		98
60) Diethylphthalate	15.34	149	569868	51.033	ng		100
61) 4-Chlorophenyl-phenylether	15.56	204	297929	48.877	ng		97
62) 4-Nitroaniline	15.60	138	122323	48.637	ng		98
63) Azobenzene	15.85	77	553062	51.582	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107253	51.599	ng		95
66) n-Nitrosodiphenylamine	15.78	169	473813	49.736	ng		98
67) 4-Bromophenyl-phenylether	16.45	248	205509	47.024	ng		98
68) Hexachlorobenzene	16.58	284	224783	49.601	ng		95
69) Atrazine	16.73	200	177447	48.001	ng		98
70) Pentachlorophenol	16.93	266	171209	76.928	ng		96
71) Phenanthrene	17.31	178	868182	50.049	ng		99
72) Anthracene	17.40	178	876249	50.727	ng		99
73) Carbazole	17.67	167	830181	50.474	ng		99
74) Di-n-butylphthalate	18.23	149	1007367	51.727	ng		98
75) Fluoranthene	19.32	202	1115171	52.281	ng		99
77) Benzidine	19.51	184	147775m	16.915	ng		
78) Pyrene	19.68	202	1102037	48.974	ng		99
80) Butylbenzylphthalate	20.58	149	459431	48.777	ng		98
81) Benzo(a)anthracene	21.50	228	1070307	49.126	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	264563	32.103	ng		97
83) Chrysene	21.56	228	1038746	49.293	ng		99
84) Bis(2-ethylhexyl)phthalate	21.42	149	664588	50.726	ng		99
85) Di-n-octyl phthalate	22.57	149	1129981	50.001	ng		100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1375395	54.257	ng	#	97
88) Benzo(b)fluoranthene	23.62	252	1195167	54.514	ng		100
89) Benzo(k)fluoranthene	23.69	252	1103256	52.579	ng		99
90) Benzo(a)pyrene	24.45	252	1078638	52.668	ng		98
91) Dibenzo(a,h)anthracene	28.16	278	1123313	55.260	ng		98
92) Benzo(g,h,i)perylene	29.19	276	1124440	55.265	ng		99

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

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