Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
Data File : BG045901.D
Acq On : 1 Jul 2020 11:43
Operator : CG/JU
Sample : L2810-16MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:31 AM

Quant Time: Jul 01 14:03:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:54:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	67688	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	262641	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	189744	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	431535	20.00	ng	0.00
76) Chrysene-d12	21.52	240	400613	20.00	ng	0.00
86) Perylene-d12	24.60	264	412147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	439194	109.61	ng	0.00
7) Phenol-d6	7.08	99	572766	93.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	457246	79.53	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	328269	114.59	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	993999	76.98	ng	0.00
79) Terphenyl-d14	19.89	244	1670271	84.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	59830	32.601	ng	# 53
3) Pyridine	3.71	79	141808	26.075	ng	97
4) n-Nitrosodimethylamine	3.61	42	73819	40.438	ng	95
6) Aniline	7.18	93	184541	25.714	ng	99
8) 2-Chlorophenol	7.44	128	182412	42.530	ng	99
9) Benzaldehyde	6.99	77	42068	11.491	ng	91
10) Phenol	7.11	94	206487	34.964	ng	98
11) bis(2-Chloroethyl)ether	7.28	93	172570	38.471	ng	96
12) 1,3-Dichlorobenzene	7.75	146	196689	38.481	ng	99
13) 1,4-Dichlorobenzene	7.89	146	199658	39.107	ng	98
14) 1,2-Dichlorobenzene	8.21	146	187031	38.266	ng	99
15) Benzyl Alcohol	8.11	79	201673	42.757	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.39	45	163379	38.645	ng	97
17) 2-Methylphenol	8.35	107	163082	37.106	ng	98
18) Hexachloroethane	8.94	117	75468	38.920	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	165752	41.365	ng	96
20) 3+4-Methylphenols	8.68	107	218014	37.718	ng	94
22) Acetophenone	8.68	105	294560	40.862	ng	# 98
24) Nitrobenzene	9.06	77	251043	40.953	ng	98
25) Isophorone	9.59	82	447666	40.222	ng	97
26) 2-Nitrophenol	9.78	139	109208	42.762	ng	97
27) 2,4-Dimethylphenol	9.87	122	171780	44.057	ng	99
28) bis(2-Chloroethoxy)methane	10.07	93	246875	42.464	ng	98
29) 2,4-Dichlorophenol	10.34	162	194625	42.783	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	213716	39.684	ng	99
31) Naphthalene	10.71	128	590192	41.103	ng	99
32) Benzoic acid	10.07	122	86036	36.638	ng	93
33) 4-Chloroaniline	10.84	127	97483	16.212	ng	95
34) Hexachlorobutadiene	11.00	225	145625	38.022	ng	99
35) Caprolactam	11.62	113	52498m	35.662	ng	
36) 4-Chloro-3-methylphenol	12.01	107	227580	43.329	ng	98
37) 2-Methylnaphthalene	12.33	142	440510	41.199	ng	97
38) 1-Methylnaphthalene	12.55	142	422487	41.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	245580	39.307	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	242712	71.347	ng		99
43) 2,4,6-Trichlorophenol	12.96	196	175722	41.483	ng		99
44) 2,4,5-Trichlorophenol	13.05	196	180608	37.409	ng		97
46) 1,1'-Biphenyl	13.35	154	560420	41.254	ng		99
47) 2-Chloronaphthalene	13.39	162	434628	39.607	ng		99
48) 2-Nitroaniline	13.61	65	153778	42.129	ng		97
49) Acenaphthylene	14.24	152	708943	40.334	ng		99
50) Dimethylphthalate	13.98	163	670111	45.081	ng		99
51) 2,6-Dinitrotoluene	14.10	165	136928	41.013	ng		95
52) Acenaphthene	14.58	154	429264	40.291	ng		99
53) 3-Nitroaniline	14.43	138	98946	29.671	ng		100
54) 2,4-Dinitrophenol	14.64	184	141015	76.438	ng		95
55) Dibenzofuran	14.92	168	698867	40.379	ng		96
56) 4-Nitrophenol	14.80	139	151899	64.393	ng		96
57) 2,4-Dinitrotoluene	14.89	165	197739	41.338	ng		98
58) Fluorene	15.57	166	596316	41.435	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	170766	40.753	ng		99
60) Diethylphthalate	15.34	149	625191	41.143	ng		97
61) 4-Chlorophenyl-phenylether	15.56	204	329012	39.665	ng		99
62) 4-Nitroaniline	15.61	138	137093	40.057	ng		95
63) Azobenzene	15.86	77	606391	41.561	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	122030	45.758	ng		98
66) n-Nitrosodiphenylamine	15.78	169	522956	42.785	ng		99
67) 4-Bromophenyl-phenylether	16.45	248	228910	40.824	ng		97
68) Hexachlorobenzene	16.58	284	249698	42.945	ng		98
69) Atrazine	16.74	200	181654	38.300	ng		96
70) Pentachlorophenol	16.94	266	179507	64.260	ng		99
71) Phenanthrene	17.31	178	938195	42.155	ng		99
72) Anthracene	17.40	178	954617	43.074	ng		99
73) Carbazole	17.68	167	881706	41.782	ng		99
74) Di-n-butylphthalate	18.23	149	1053873	42.178	ng		99
75) Fluoranthene	19.33	202	1140791	41.684	ng		98
77) Benzidine	19.51	184	160081	15.371	ng		98
78) Pyrene	19.69	202	1127568	42.032	ng		98
80) Butylbenzylphthalate	20.58	149	462620	41.199	ng		97
81) Benzo(a)anthracene	21.50	228	1075718	41.416	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	332622	33.856	ng		95
83) Chrysene	21.57	228	1020548	40.624	ng		99
84) Bis(2-ethylhexyl)phthalate	21.42	149	646241	41.376	ng		98
85) Di-n-octyl phthalate	22.58	149	1090860	40.490	ng		100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1342891	44.944	ng	#	87
88) Benzo(b)fluoranthene	23.63	252	1138288	44.049	ng		99
89) Benzo(k)fluoranthene	23.70	252	1089230	44.041	ng		99
90) Benzo(a)pyrene	24.46	252	1028808	42.620	ng		98
91) Dibenzo(a,h)anthracene	28.16	278	1095344	45.715	ng		98
92) Benzo(g,h,i)perylene	29.21	276	1095187	45.667	ng		99

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

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