Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045916.D
Acq On : 2 Jul 2020 16:03
Operator : CG/JU
Sample : L3153-44MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:38 AM

Quant Time: Jul 03 00:50:40 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	52488	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	203268	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	150242	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	357332	20.00	ng	0.00
76) Chrysene-d12	21.52	240	337119	20.00	ng	0.00
86) Perylene-d12	24.60	264	354968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	381242	122.70	ng	0.00
7) Phenol-d6	7.07	99	492880	104.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	403147	90.61	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	280386	123.61	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	898835	87.92	ng	0.00
79) Terphenyl-d14	19.88	244	1550443	93.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	56339	39.588	ng	# 68
3) Pyridine	3.70	79	146489	34.737	ng	93
4) n-Nitrosodimethylamine	3.60	42	67703	47.828	ng	99
6) Aniline	7.18	93	122535	22.019	ng	94
8) 2-Chlorophenol	7.44	128	155780	46.838	ng	100
9) Benzaldehyde	6.98	77	60266	21.230	ng	96
10) Phenol	7.10	94	179344	39.162	ng	99
11) bis(2-Chloroethyl)ether	7.28	93	153366	44.091	ng	99
12) 1,3-Dichlorobenzene	7.74	146	179395	45.262	ng	97
13) 1,4-Dichlorobenzene	7.89	146	181612	45.874	ng	98
14) 1,2-Dichlorobenzene	8.21	146	170232	44.915	ng	98
15) Benzyl Alcohol	8.11	79	170532	46.625	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.39	45	147753	45.070	ng	99
17) 2-Methylphenol	8.34	107	138464	40.628	ng	99
18) Hexachloroethane	8.93	117	70677	47.005	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	146218	47.057	ng	98
20) 3+4-Methylphenols	8.67	107	184464	41.155	ng	92
22) Acetophenone	8.68	105	254833	45.676	ng	# 97
24) Nitrobenzene	9.06	77	217220	45.786	ng	97
25) Isophorone	9.59	82	397509	46.148	ng	99
26) 2-Nitrophenol	9.77	139	90593	45.835	ng	99
27) 2,4-Dimethylphenol	9.86	122	142615	47.261	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	216928	48.212	ng	98
29) 2,4-Dichlorophenol	10.34	162	161965	46.004	ng	96
30) 1,2,4-Trichlorobenzene	10.53	180	189215	45.398	ng	100
31) Naphthalene	10.71	128	502950	45.258	ng	99
32) Benzoic acid	10.06	122	60533	34.123	ng	90
33) 4-Chloroaniline	10.84	127	25189	5.413	ng	92
34) Hexachlorobutadiene	11.00	225	132257	44.618	ng	97
35) Caprolactam	11.60	113	50495m	44.321	ng	
36) 4-Chloro-3-methylphenol	12.00	107	189787	46.688	ng	97
37) 2-Methylnaphthalene	12.32	142	383491	46.342	ng	98
38) 1-Methylnaphthalene	12.55	142	366439	46.794	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	219708	44.411	ng	98

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Quant Time: Jul 03 00:50:40 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	229577	83.591	ng		99
43) 2,4,6-Trichlorophenol	12.96	196	144630	43.120	ng		100
44) 2,4,5-Trichlorophenol	13.05	196	147848	38.676	ng		97
46) 1,1'-Biphenyl	13.34	154	492943	45.828	ng		99
47) 2-Chloronaphthalene	13.39	162	385106	44.322	ng		99
48) 2-Nitroaniline	13.60	65	132825	45.956	ng		94
49) Acenaphthylene	14.23	152	627803	45.109	ng		99
50) Dimethylphthalate	13.97	163	595103	50.561	ng		100
51) 2,6-Dinitrotoluene	14.09	165	119064	45.039	ng	#	86
52) Acenaphthene	14.58	154	383233	45.428	ng		99
53) 3-Nitroaniline	14.43	138	42273	16.010	ng		95
54) 2,4-Dinitrophenol	14.64	184	123304	83.386	ng		97
55) Dibenzofuran	14.91	168	616644	44.996	ng		99
56) 4-Nitrophenol	14.80	139	127203	67.873	ng		91
57) 2,4-Dinitrotoluene	14.89	165	175500	46.335	ng		96
58) Fluorene	15.57	166	526508	46.203	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	135307	40.781	ng		98
60) Diethylphthalate	15.34	149	566094	47.049	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	293651	44.710	ng		99
62) 4-Nitroaniline	15.60	138	118645	43.781	ng		97
63) Azobenzene	15.85	77	546518	47.305	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	102072	46.222	ng		98
66) n-Nitrosodiphenylamine	15.78	169	468223	46.262	ng		97
67) 4-Bromophenyl-phenylether	16.45	248	204325	44.007	ng		98
68) Hexachlorobenzene	16.58	284	223531	46.428	ng		97
69) Atrazine	16.73	200	181319	46.168	ng		97
70) Pentachlorophenol	16.94	266	155115	66.727	ng		96
71) Phenanthrene	17.31	178	843915	45.793	ng		98
72) Anthracene	17.40	178	865286	47.150	ng		99
73) Carbazole	17.68	167	804753	46.055	ng		99
74) Di-n-butylphthalate	18.23	149	969660	46.866	ng		99
75) Fluoranthene	19.32	202	1055268	46.566	ng		100
77) Benzidine	19.50	184	125079	14.272	ng		99
78) Pyrene	19.68	202	1047167	46.387	ng		99
80) Butylbenzylphthalate	20.58	149	435502	46.089	ng		96
81) Benzo(a)anthracene	21.50	228	1000723	45.786	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	181551	21.960	ng		96
83) Chrysene	21.56	228	968547	45.815	ng		100
84) Bis(2-ethylhexyl)phthalate	21.41	149	615145	46.802	ng		100
85) Di-n-octyl phthalate	22.58	149	1058165	46.674	ng		100
87) Indeno(1,2,3-cd)pyrene	28.09	276	1283178	49.864	ng	#	97
88) Benzo(b)fluoranthene	23.63	252	1093925	49.151	ng		99
89) Benzo(k)fluoranthene	23.69	252	1049364	49.264	ng		98
90) Benzo(a)pyrene	24.45	252	998149	48.010	ng		100
91) Dibenzo(a,h)anthracene	28.15	278	1030895	49.956	ng		98
92) Benzo(g,h,i)perylene	29.18	276	1035829	50.149	ng		99

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

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