Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046141.D
Acq On : 1 Aug 2020 2:54
Operator : CG/JU
Sample : L3507-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MSD

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:32 PM

Quant Time: Aug 01 04:56:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90288	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	349102	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	234385	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	561044	20.00	ng	0.00
76) Chrysene-d12	21.57	240	594254	20.00	ng	0.00
86) Perylene-d12	24.67	264	629745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	580713	111.81	ng	0.00
7) Phenol-d6	7.12	99	692296	97.80	ng	0.00
23) Nitrobenzene-d5	9.11	82	546469	84.75	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	426192	118.38	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1237625	76.70	ng	0.00
79) Terphenyl-d14	19.94	244	2111370	72.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	83078	35.143	ng	# 24
3) Pyridine	3.85	79	168638	25.913	ng	98
4) n-Nitrosodimethylamine	3.75	42	121508	43.869	ng	92
6) Aniline	7.28	93	243011	28.841	ng	97
8) 2-Chlorophenol	7.52	128	266246	46.379	ng	98
9) Benzaldehyde	7.09	77	173417	41.286	ng	95
10) Phenol	7.15	94	284097	39.946	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	259118	45.804	ng	98
12) 1,3-Dichlorobenzene	7.85	146	286269	41.141	ng	97
13) 1,4-Dichlorobenzene	7.99	146	287391	41.131	ng	99
14) 1,2-Dichlorobenzene	8.30	146	284950	43.242	ng	98
15) Benzyl Alcohol	8.19	79	239023	48.878	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	440749	47.522	ng	98
17) 2-Methylphenol	8.40	107	226477	47.169	ng	98
18) Hexachloroethane	9.04	117	101674	43.510	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	213059	46.249	ng	97
20) 3+4-Methylphenols	8.72	107	303855	46.236	ng	98
22) Acetophenone	8.77	105	396084	44.210	ng	98
24) Nitrobenzene	9.15	77	302045	43.937	ng	100
25) Isophorone	9.67	82	577151	44.985	ng	99
26) 2-Nitrophenol	9.86	139	148300	47.599	ng	94
27) 2,4-Dimethylphenol	9.93	122	246143	48.559	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	346437	49.659	ng	100
29) 2,4-Dichlorophenol	10.40	162	277340	46.512	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	287057	41.095	ng	100
31) Naphthalene	10.80	128	791782	42.865	ng	100
32) Benzoic acid	10.06	122	145906	40.887	ng	97
33) 4-Chloroaniline	10.91	127	67331	8.920	ng	98
34) Hexachlorobutadiene	11.10	225	184423	39.661	ng	97
35) Caprolactam	11.67	113	79323m	40.644	ng	
36) 4-Chloro-3-methylphenol	12.03	107	288792	49.353	ng	100
37) 2-Methylnaphthalene	12.41	142	614149	43.209	ng	99
38) 1-Methylnaphthalene	12.63	142	585666	43.544	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	343953	40.729	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	446741	92.227 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	247931	46.017 ng	100
44) 2,4,5-Trichlorophenol	13.09	196	270646	46.039 ng	97
46) 1,1'-Biphenyl	13.42	154	799582	43.487 ng	98
47) 2-Chloronaphthalene	13.46	162	616087	42.006 ng	99
48) 2-Nitroaniline	13.65	65	197554	51.388 ng	98
49) Acenaphthylene	14.30	152	1000853	43.946 ng	99
50) Dimethylphthalate	14.04	163	846560	47.059 ng	99
51) 2,6-Dinitrotoluene	14.15	165	192483	45.975 ng	100
52) Acenaphthene	14.64	154	725008m	48.235 ng	
53) 3-Nitroaniline	14.47	138	116898	28.164 ng	98
54) 2,4-Dinitrophenol	14.68	184	219583	82.537 ng	90
55) Dibenzofuran	14.98	168	959375	42.300 ng	99
56) 4-Nitrophenol	14.79	139	319684	88.712 ng	93
57) 2,4-Dinitrotoluene	14.94	165	272177	47.283 ng	98
58) Fluorene	15.63	166	799526	43.530 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	266889	48.199 ng	98
60) Diethylphthalate	15.40	149	836719	47.281 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	427243	44.537 ng	97
62) 4-Nitroaniline	15.64	138	203205	48.679 ng	94
63) Azobenzene	15.91	77	757293	45.661 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	169196	45.600 ng	97
66) n-Nitrosodiphenylamine	15.84	169	739344	43.535 ng	97
67) 4-Bromophenyl-phenylether	16.51	248	303177	43.741 ng	98
68) Hexachlorobenzene	16.64	284	332822	42.823 ng	99
69) Atrazine	16.78	200	282466	43.194 ng	99
70) Pentachlorophenol	16.98	266	471589	93.516 ng	99
71) Phenanthrene	17.36	178	1331915	43.338 ng	99
72) Anthracene	17.45	178	1370862	44.844 ng	99
73) Carbazole	17.72	167	1299045	44.070 ng	98
74) Di-n-butylphthalate	18.29	149	1505322	48.856 ng	99
75) Fluoranthene	19.37	202	1708892	44.539 ng	97
77) Benzidine	19.55	184	336349	19.982 ng	96
78) Pyrene	19.73	202	1715401	42.962 ng	98
80) Butylbenzylphthalate	20.63	149	714446	49.395 ng	97
81) Benzo(a)anthracene	21.55	228	1715608	43.140 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	447198	27.080 ng	99
83) Chrysene	21.62	228	1637138	42.025 ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	982904	47.533 ng	99
85) Di-n-octyl phthalate	22.66	149	1678100	47.929 ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2196217	45.728 ng	100
88) Benzo(b)fluoranthene	23.70	252	1870699	44.329 ng	98
89) Benzo(k)fluoranthene	23.76	252	1748660	42.246 ng	99
90) Benzo(a)pyrene	24.53	252	1703410	43.378 ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1791126	44.611 ng	99
92) Benzo(g,h,i)perylene	29.30	276	1843363	45.461 ng	98

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

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