Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045137.D
Acq On : 22 Apr 2020 22:06
Operator : CG/JU
Sample : L2327-30MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Manual Integrations APPROVED
mohammad
4/24/2020 4:19:22 AM

Quant Time: Apr 23 02:59:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 12:56:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82174	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	323471	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	221163	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	487004	20.00	ng		0.00
76) Chrysene-d12	21.67	240	442261	20.00	ng		0.00
87) Perylene-d12	24.85	264	485160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	730667	146.80	ng		0.00
7) Phenol-d6	7.18	99	1034710	139.92	ng		0.00
23) Nitrobenzene-d5	9.18	82	682113	96.22	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	483957	141.65	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1492516	98.95	ng		0.00
79) Terphenyl-d14	20.01	244	2183105	107.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	87613	39.608	ng		98
3) Pyridine	3.87	79	258459	37.949	ng		100
4) n-Nitrosodimethylamine	3.78	42	105766	50.693	ng	#	94
6) Aniline	7.34	93	331973	34.526	ng		98
8) 2-Chlorophenol	7.58	128	307320	57.450	ng		99
9) Benzaldehyde	7.14	77	148079	33.896	ng		96
10) Phenol	7.21	94	412445	55.734	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	282195	47.896	ng		96
12) 1,3-Dichlorobenzene	7.91	146	327383	51.937	ng		98
13) 1,4-Dichlorobenzene	8.05	146	327179	52.090	ng		96
14) 1,2-Dichlorobenzene	8.37	146	307470	51.168	ng		95
15) Benzyl Alcohol	8.25	79	312841	50.456	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	259192	44.815	ng		93
17) 2-Methylphenol	8.47	107	276767	48.474	ng		95
18) Hexachloroethane	9.11	117	123871	52.460	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	242812	46.428	ng		97
20) 3+4-Methylphenols	8.79	107	378625	47.377	ng		98
22) Acetophenone	8.84	105	454260	51.930	ng	#	99
24) Nitrobenzene	9.22	77	385741	53.083	ng		98
25) Isophorone	9.75	82	677906	46.695	ng		98
26) 2-Nitrophenol	9.93	139	176256	56.310	ng		97
27) 2,4-Dimethylphenol	10.00	122	278416	56.058	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	384584	50.419	ng		99
29) 2,4-Dichlorophenol	10.47	162	322779	56.284	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	352202	54.243	ng		97
31) Naphthalene	10.87	128	931853	52.661	ng		98
32) Benzoic acid	10.16	122	216399	53.147	ng		99
33) 4-Chloroaniline	10.97	127	123212	14.930	ng		98
34) Hexachlorobutadiene	11.17	225	244222	54.860	ng		98
35) Caprolactam	11.76	113	104543m	45.803	ng		
36) 4-Chloro-3-methylphenol	12.11	107	350455	52.020	ng		98
37) 2-Methylnaphthalene	12.48	142	705345	51.354	ng		96
38) 1-Methylnaphthalene	12.70	142	663961	51.206	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	402341	56.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	457620	102.821 ng	99
43) 2,4,6-Trichlorophenol	13.09	196	287371	57.181 ng	99
44) 2,4,5-Trichlorophenol	13.17	196	297057	51.928 ng	99
46) 1,1'-Biphenyl	13.49	154	876687	52.153 ng	99
47) 2-Chloronaphthalene	13.53	162	691726	53.854 ng	100
48) 2-Nitroaniline	13.72	65	214820	50.832 ng	98
49) Acenaphthylene	14.38	152	1099214	52.539 ng	98
50) Dimethylphthalate	14.11	163	1120851	62.242 ng	98
51) 2,6-Dinitrotoluene	14.22	165	206865	51.358 ng	95
52) Acenaphthene	14.72	154	784540m	55.422 ng	
53) 3-Nitroaniline	14.55	138	131816	29.838 ng	99
54) 2,4-Dinitrophenol	14.76	184	186391	77.822 ng	92
55) Dibenzofuran	15.05	168	1057030	51.218 ng	97
56) 4-Nitrophenol	14.87	139	335395	97.917 ng	95
57) 2,4-Dinitrotoluene	15.01	165	291883	49.586 ng	97
58) Fluorene	15.70	166	861201	51.088 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	283328	55.664 ng	99
60) Diethylphthalate	15.47	149	899583	47.913 ng	100
61) 4-Chlorophenyl-phenylether	15.69	204	485822	50.070 ng	99
62) 4-Nitroaniline	15.71	138	185773	40.544 ng	93
63) Azobenzene	15.98	77	874060	50.494 ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	140525	43.899 ng	99
66) n-Nitrosodiphenylamine	15.91	169	775770	55.442 ng	99
67) 4-Bromophenyl-phenylether	16.59	248	334427	53.230 ng	97
68) Hexachlorobenzene	16.71	284	367781	56.443 ng	96
69) Atrazine	16.86	200	309902	62.590 ng	97
70) Pentachlorophenol	17.05	266	445122	111.356 ng	99
71) Phenanthrene	17.44	178	1333999	53.305 ng	99
72) Anthracene	17.53	178	1363827	54.328 ng	99
73) Carbazole	17.80	167	1242219	48.762 ng	99
74) Di-n-butylphthalate	18.36	149	1472311	54.355 ng	99
75) Fluoranthene	19.45	202	1604342	56.058 ng	98
77) Benzidine	19.63	184	772223	62.616 ng	97
78) Pyrene	19.81	202	1587826	52.078 ng	99
80) Butylbenzylphthalate	20.70	149	650083	51.437 ng	96
81) Benzo(a)anthracene	21.65	228	1536365	53.598 ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	453868	39.781 ng	96
83) Chrysene	21.71	228	1473234	53.491 ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	910184	52.363 ng	100
85) Di-n-octyl phthalate	22.76	149	1531906	50.965 ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	2003193	54.782 ng	97
88) Benzo(b)fluoranthene	23.85	252	1677678	55.205 ng	99
89) Benzo(k)fluoranthene	23.92	252	1575057	54.498 ng	98
90) Benzo(a)pyrene	24.71	252	1531536	53.376 ng	98
91) Dibenzo(a,h)anthracene	28.54	278	1624522	56.188 ng	97
92) Benzo(g,h,i)perylene	29.61	276	1584976	54.680 ng	98

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

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