Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
Data File : BG045907.D
Acq On : 1 Jul 2020 15:42
Operator : CG/JU
Sample : L3153-25MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-FMSD

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:35 AM

Quant Time: Jul 01 17:08:20 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 14:59:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52241	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	203566	20.00	ng		0.00
39) Acenaphthene-d10	14.51	164	149981	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	349177	20.00	ng		0.00
76) Chrysene-d12	21.52	240	318704	20.00	ng		0.00
86) Perylene-d12	24.60	264	331133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	390455	126.26	ng		0.00
7) Phenol-d6	7.08	99	586454	124.67	ng		0.00
23) Nitrobenzene-d5	9.02	82	397384	89.18	ng		0.00
42) 2,4,6-Tribromophenol	16.02	330	289207	127.72	ng		0.00
45) 2-Fluorobiphenyl	13.13	172	895752	87.77	ng		0.00
79) Terphenyl-d14	19.89	244	1491734	94.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	52837	37.303	ng		96
3) Pyridine	3.68	79	147766	35.205	ng		99
4) n-Nitrosodimethylamine	3.60	42	65796	46.701	ng		92
6) Aniline	7.18	93	132775	23.971	ng		98
8) 2-Chlorophenol	7.43	128	165424	49.973	ng		95
9) Benzaldehyde	6.99	77	73310	25.947	ng		96
10) Phenol	7.10	94	228477	50.127	ng		98
11) bis(2-Chloroethyl)ether	7.28	93	152583	44.073	ng		96
12) 1,3-Dichlorobenzene	7.75	146	172231	43.660	ng		96
13) 1,4-Dichlorobenzene	7.89	146	175688	44.587	ng		96
14) 1,2-Dichlorobenzene	8.21	146	163826	43.429	ng		99
15) Benzyl Alcohol	8.11	79	173847	47.756	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.39	45	140069	42.928	ng		98
17) 2-Methylphenol	8.35	107	154020	45.406	ng		96
18) Hexachloroethane	8.94	117	67213	44.913	ng		92
19) n-Nitroso-di-n-propylamine	8.67	70	142725	46.150	ng		99
20) 3+4-Methylphenols	8.67	107	206019	46.182	ng		96
22) Acetophenone	8.68	105	247725	44.337	ng	#	98
24) Nitrobenzene	9.06	77	215184	45.291	ng		99
25) Isophorone	9.58	82	386901	44.851	ng		98
26) 2-Nitrophenol	9.78	139	98115	49.568	ng		95
27) 2,4-Dimethylphenol	9.87	122	154092	50.989	ng		96
28) bis(2-Chloroethoxy)methane	10.07	93	210668	46.752	ng	#	95
29) 2,4-Dichlorophenol	10.34	162	174724	49.555	ng		98
30) 1,2,4-Trichlorobenzene	10.53	180	187386	44.893	ng		95
31) Naphthalene	10.71	128	504547	45.335	ng		98
32) Benzoic acid	10.08	122	111491	55.223	ng		98
33) 4-Chloroaniline	10.83	127	74872	16.065	ng		97
34) Hexachlorobutadiene	11.00	225	128861	43.409	ng		99
35) Caprolactam	11.61	113	59976m	52.566	ng		
36) 4-Chloro-3-methylphenol	12.00	107	204835	50.316	ng		96
37) 2-Methylnaphthalene	12.33	142	382863	46.199	ng		96
38) 1-Methylnaphthalene	12.55	142	371569	47.379	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	221062	44.763	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	210176	77.358	ng		94
43) 2,4,6-Trichlorophenol	12.96	196	157601	47.069	ng		95
44) 2,4,5-Trichlorophenol	13.05	196	164849	43.198	ng		96
46) 1,1'-Biphenyl	13.34	154	494897	46.089	ng		99
47) 2-Chloronaphthalene	13.39	162	389317	44.884	ng		99
48) 2-Nitroaniline	13.60	65	135517	46.969	ng		98
49) Acenaphthylene	14.24	152	632937	45.557	ng		99
50) Dimethylphthalate	13.97	163	687211	58.489	ng		99
51) 2,6-Dinitrotoluene	14.10	165	123805	46.914	ng		93
52) Acenaphthene	14.58	154	379781	45.097	ng		99
53) 3-Nitroaniline	14.43	138	65973	25.029	ng		98
54) 2,4-Dinitrophenol	14.64	184	99211	69.116	ng		94
55) Dibenzofuran	14.92	168	627619	45.877	ng		100
56) 4-Nitrophenol	14.80	139	160024	84.500	ng		93
57) 2,4-Dinitrotoluene	14.89	165	175864	46.512	ng		97
58) Fluorene	15.56	166	527513	46.372	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	149209	45.049	ng	#	84
60) Diethylphthalate	15.34	149	554259	46.145	ng		97
61) 4-Chlorophenyl-phenylether	15.56	204	291430	44.449	ng		100
62) 4-Nitroaniline	15.61	138	119249	44.081	ng		97
63) Azobenzene	15.85	77	543501	47.126	ng		99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100085	46.380	ng		97
66) n-Nitrosodiphenylamine	15.78	169	467721	47.292	ng		98
67) 4-Bromophenyl-phenylether	16.45	248	202481	44.628	ng		98
68) Hexachlorobenzene	16.58	284	223114	47.423	ng		98
69) Atrazine	16.73	200	175956	45.849	ng		99
70) Pentachlorophenol	16.93	266	162390	70.943	ng		96
71) Phenanthrene	17.31	178	846458	47.003	ng		100
72) Anthracene	17.40	178	845823	47.166	ng		99
73) Carbazole	17.67	167	788201	46.161	ng		99
74) Di-n-butylphthalate	18.23	149	948058	46.892	ng		98
75) Fluoranthene	19.32	202	1032612	46.631	ng		99
77) Benzidine	19.51	184	350759	42.335	ng		99
78) Pyrene	19.69	202	1010952	47.370	ng		100
80) Butylbenzylphthalate	20.58	149	414299	46.378	ng		97
81) Benzo(a)anthracene	21.50	228	962112	46.562	ng		97
82) 3,3'-Dichlorobenzidine	21.42	252	157975	20.212	ng		99
83) Chrysene	21.56	228	926397	46.354	ng		99
84) Bis(2-ethylhexyl)phthalate	21.42	149	574396	46.227	ng		100
85) Di-n-octyl phthalate	22.58	149	969054	45.213	ng		100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1213408	50.546	ng		99
88) Benzo(b)fluoranthene	23.63	252	1029318	49.577	ng		98
89) Benzo(k)fluoranthene	23.69	252	989974	49.821	ng		100
90) Benzo(a)pyrene	24.46	252	933296	48.122	ng		98
91) Dibenzo(a,h)anthracene	28.16	278	985698	51.204	ng		98
92) Benzo(g,h,i)perylene	29.19	276	988722	51.314	ng		100

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

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