Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046044.D
Acq On : 14 Jul 2020 22:30
Operator : CG/JU
Sample : L3181-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:43 AM

Quant Time: Jul 15 01:15:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	111313	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	446724	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	272944	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	593228	20.00	ng	0.00
76) Chrysene-d12	21.62	240	536607	20.00	ng	0.00
86) Perylene-d12	24.77	264	547363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	876816	127.74	ng	0.00
7) Phenol-d6	7.17	99	1104865	111.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	823981	106.17	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	353478	139.54	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1439853	82.28	ng	0.00
79) Terphenyl-d14	19.98	244	1992023	82.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	151034	47.693	ng	# 41
3) Pyridine	3.91	79	435034	45.432	ng	98
4) n-Nitrosodimethylamine	3.81	42	184714	57.047	ng	# 96
6) Aniline	7.33	93	271234	21.455	ng	98
8) 2-Chlorophenol	7.57	128	418085	56.582	ng	100
9) Benzaldehyde	7.14	77	138456	22.113	ng	94
10) Phenol	7.20	94	477800	48.198	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	438881	53.539	ng	98
12) 1,3-Dichlorobenzene	7.90	146	432473	50.778	ng	99
13) 1,4-Dichlorobenzene	8.04	146	429988	51.322	ng	96
14) 1,2-Dichlorobenzene	8.35	146	419338	52.004	ng	100
15) Benzyl Alcohol	8.24	79	415525	53.626	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	570787	53.368	ng	98
17) 2-Methylphenol	8.45	107	373881	50.264	ng	96
18) Hexachloroethane	9.09	117	165567	51.359	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	370526	53.371	ng	98
20) 3+4-Methylphenols	8.77	107	492577	48.589	ng	98
22) Acetophenone	8.82	105	617961	51.781	ng	99
24) Nitrobenzene	9.20	77	530086	61.880	ng	99
25) Isophorone	9.72	82	968722	51.128	ng	100
26) 2-Nitrophenol	9.91	139	206882	74.094	ng	98
27) 2,4-Dimethylphenol	9.98	122	365409	54.182	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	579995	54.513	ng	98
29) 2,4-Dichlorophenol	10.45	162	379461	54.353	ng	100
30) 1,2,4-Trichlorobenzene	10.66	180	387251	50.061	ng	100
31) Naphthalene	10.85	128	1224936	51.150	ng	99
32) Benzoic acid	10.06	122	36791	14.228	ng	97
33) 4-Chloroaniline	10.95	127	40247	3.761	ng	98
34) Hexachlorobutadiene	11.15	225	217266	48.103	ng	99
35) Caprolactam	11.71	113	120105m	45.311	ng	
36) 4-Chloro-3-methylphenol	12.08	107	437882	55.068	ng	99
37) 2-Methylnaphthalene	12.45	142	879234	51.648	ng	99
38) 1-Methylnaphthalene	12.67	142	847534	52.753	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	377483	49.061	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	435974	95.495	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	291453	56.011	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	302127	51.352	ng		98
46) 1,1'-Biphenyl	13.46	154	1061579	51.702	ng		99
47) 2-Chloronaphthalene	13.50	162	813545	50.218	ng		100
48) 2-Nitroaniline	13.69	65	307570	66.338	ng		99
49) Acenaphthylene	14.35	152	1321410	50.555	ng		99
50) Dimethylphthalate	14.08	163	1072712	52.369	ng		100
51) 2,6-Dinitrotoluene	14.19	165	239050	64.058	ng		94
52) Acenaphthene	14.69	154	866675	52.568	ng		97
53) 3-Nitroaniline	14.52	138	89597	21.675	ng	#	91
54) 2,4-Dinitrophenol	14.72	184	85490	63.721	ng	#	86
55) Dibenzofuran	15.02	168	1214015	50.234	ng		99
56) 4-Nitrophenol	14.83	139	406518	121.813	ng		96
57) 2,4-Dinitrotoluene	14.98	165	328548	68.071	ng		96
58) Fluorene	15.67	166	1012802	51.086	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	268446m	59.097	ng		
60) Diethylphthalate	15.45	149	1096938	51.063	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	480507	48.717	ng		99
62) 4-Nitroaniline	15.69	138	269774	63.722	ng		97
63) Azobenzene	15.96	77	1232435	53.453	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	103641	50.352	ng		93
66) n-Nitrosodiphenylamine	15.88	169	924428	50.287	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	315385	47.602	ng		97
68) Hexachlorobenzene	16.68	284	332397	49.995	ng		98
69) Atrazine	16.83	200	317411	58.400	ng		98
70) Pentachlorophenol	17.02	266	385800	104.369	ng		99
71) Phenanthrene	17.41	178	1604825	51.170	ng		98
72) Anthracene	17.50	178	1647383	51.760	ng		98
73) Carbazole	17.77	167	1621603	50.830	ng		99
74) Di-n-butylphthalate	18.34	149	1936992	50.245	ng		99
75) Fluoranthene	19.42	202	1939153	53.486	ng		99
77) Benzidine	19.59	184	384365	25.052	ng		98
78) Pyrene	19.77	202	1922581	52.488	ng		98
80) Butylbenzylphthalate	20.67	149	926953	53.552	ng		95
81) Benzo(a)anthracene	21.61	228	1770110	50.168	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	316510	24.276	ng		98
83) Chrysene	21.67	228	1706736	50.775	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1296493	51.600	ng		99
85) Di-n-octyl phthalate	22.73	149	2189580	50.217	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2173666	54.283	ng		99
88) Benzo(b)fluoranthene	23.79	252	1886012	54.278	ng		98
89) Benzo(k)fluoranthene	23.85	252	1784073	54.301	ng		99
90) Benzo(a)pyrene	24.63	252	1736697	53.152	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1741858	53.932	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1752167	53.909	ng		98

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

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