Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120671.D
Acq On : 19 Jun 2020 18:48
Operator : JU/CG
Sample : L3020-18MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Manual Integrations APPROVED
mohammad
6/22/2020 3:24:53 PM

Quant Time: Jun 22 09:40:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109885	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	354604	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	237773	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	546616	20.00	ng		0.00
76) Chrysene-d12	13.97	240	443220	20.00	ng		0.00
86) Perylene-d12	15.40	264	502120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	589472	91.97	ng		0.00
7) Phenol-d6	6.45	99	769786	96.43	ng		0.00
23) Nitrobenzene-d5	7.37	82	418051	65.90	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	285477	103.27	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1098375	70.68	ng		0.00
79) Terphenyl-d14	12.91	244	1415344	70.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	154921	50.999	ng		99
3) Pyridine	3.26	79	425476	49.824	ng		98
4) n-Nitrosodimethylamine	3.22	42	194014	54.745	ng		98
6) Aniline	6.46	93	386586	37.840	ng	#	62
8) 2-Chlorophenol	6.59	128	357027	49.294	ng		99
9) Benzaldehyde	6.36	77	335467	66.440	ng	#	1
10) Phenol	6.46	94	449112	52.730	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	345473	48.697	ng		95
12) 1,3-Dichlorobenzene	6.75	146	351554	45.657	ng		97
13) 1,4-Dichlorobenzene	6.82	146	334537	44.035	ng		97
14) 1,2-Dichlorobenzene	6.97	146	352390	47.618	ng		97
15) Benzyl Alcohol	6.95	79	303347	53.584	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	393614	38.533	ng		79
17) 2-Methylphenol	7.06	107	249269	40.352	ng	#	87
18) Hexachloroethane	7.32	117	87750m	31.347	ng		
19) n-Nitroso-di-n-propylamine	7.22	70	374061	80.782	ng		97
20) 3+4-Methylphenols	7.22	107	365388	47.335	ng		94
22) Acetophenone	7.22	105	184213m	23.236	ng		
24) Nitrobenzene	7.39	77	405023	61.009	ng		95
25) Isophorone	7.63	82	745324	60.313	ng	#	94
26) 2-Nitrophenol	7.70	139	197361	56.194	ng	#	88
27) 2,4-Dimethylphenol	7.75	122	266005	51.440	ng		89
28) bis(2-Chloroethoxy)methane	7.84	93	331658	46.299	ng		98
29) 2,4-Dichlorophenol	7.95	162	320779	61.025	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	342863	58.857	ng		99
31) Naphthalene	8.12	128	3279192	188.326	ng		96
32) Benzoic acid	7.87	122	136231	34.336	ng		91
33) 4-Chloroaniline	8.16	127	285145	35.678	ng	#	93
34) Hexachlorobutadiene	8.23	225	205541	60.531	ng		99
35) Caprolactam	8.51	113	87043	51.774	ng	#	1
36) 4-Chloro-3-methylphenol	8.65	107	290619	55.339	ng		95
37) 2-Methylnaphthalene	8.81	142	2280146	200.597	ng	#	96
38) 1-Methylnaphthalene	8.90	142	1442148	134.832	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	340518	47.962	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	340823	85.667 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	219717	43.627 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	257914	45.139 ng	98
46) 1,1'-Biphenyl	9.26	154	991578	55.849 ng	99
47) 2-Chloronaphthalene	9.29	162	733458	50.518 ng	99
48) 2-Nitroaniline	9.38	65	228504	50.112 ng	99
49) Acenaphthylene	9.70	152	1023959	45.698 ng	99
50) Dimethylphthalate	9.56	163	1038996	60.673 ng	99
51) 2,6-Dinitrotoluene	9.63	165	179488	46.249 ng	87
52) Acenaphthene	9.87	154	729283m	54.573 ng	
53) 3-Nitroaniline	9.79	138	128015	27.463 ng	95
54) 2,4-Dinitrophenol	9.90	184	186461	81.827 ng	96
55) Dibenzofuran	10.05	168	945020	46.120 ng	98
56) 4-Nitrophenol	9.96	139	328866	93.676 ng	99
57) 2,4-Dinitrotoluene	10.03	165	232059	45.063 ng	92
58) Fluorene	10.39	166	719962	45.579 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	207300	46.116 ng	98
60) Diethylphthalate	10.26	149	772973	45.831 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	349600	42.857 ng	99
62) 4-Nitroaniline	10.41	138	168675	36.450 ng	95
63) Azobenzene	10.54	77	668258	43.650 ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	123146	37.546 ng	95
66) n-Nitrosodiphenylamine	10.50	169	745110	44.388 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	274054	44.176 ng	99
68) Hexachlorobenzene	10.93	284	305730	45.837 ng	98
69) Atrazine	11.03	200	222801	42.892 ng	99
70) Pentachlorophenol	11.13	266	323794	87.318 ng	99
71) Phenanthrene	11.35	178	1259943	46.369 ng	100
72) Anthracene	11.40	178	1302192	47.545 ng	99
73) Carbazole	11.56	167	1209456	44.609 ng	99
74) Di-n-butylphthalate	11.89	149	1467750	48.153 ng	100
75) Fluoranthene	12.54	202	1417263	45.620 ng	98
77) Benzidine	12.66	184	653969	43.629 ng	99
78) Pyrene	12.77	202	1439388	45.843 ng	99
80) Butylbenzylphthalate	13.39	149	647901	46.471 ng	94
81) Benzo(a)anthracene	13.96	228	1247168	46.836 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	422253	41.515 ng	99
83) Chrysene	13.99	228	1266091	46.353 ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	855250	50.263 ng	98
85) Di-n-octyl phthalate	14.56	149	1584974	48.809 ng	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1493681	48.904 ng	99
88) Benzo(b)fluoranthene	14.99	252	1463228	48.921 ng	100
89) Benzo(k)fluoranthene	15.03	252	1176483	44.452 ng	98
90) Benzo(a)pyrene	15.35	252	1237110	46.215 ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1218107	49.734 ng	99
92) Benzo(g,h,i)perylene	17.27	276	1220492	49.438 ng	99

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

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