Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120745.D
Acq On : 29 Jun 2020 23:29
Operator : JU/CG
Sample : L2810-16MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:01 PM

Quant Time: Jun 30 03:14:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115691	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	425066	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	112290	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	209372	20.00	ng		0.01
76) Chrysene-d12	13.96	240	158002	20.00	ng		0.00
86) Perylene-d12	15.41	264	166980	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	629569	93.30	ng		0.08
7) Phenol-d6	6.51	99	745042	88.65	ng		0.08
23) Nitrobenzene-d5	7.37	82	672856	88.48	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	170715	130.76	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	730710	99.56	ng		0.00
79) Terphenyl-d14	12.90	244	801359	112.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	96799	30.266	ng	#	86
3) Pyridine	3.35	79	190131	21.147	ng		99
4) n-Nitrosodimethylamine	3.27	42	123562	33.116	ng		95
6) Aniline	6.47	93	225460	20.961	ng		99
8) 2-Chlorophenol	6.61	128	409393	53.688	ng		93
9) Benzaldehyde	6.35	77	59811	11.251	ng		94
10) Phenol	6.52	94	287667	32.080	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	297487	39.829	ng		99
12) 1,3-Dichlorobenzene	6.74	146	345462	42.615	ng		98
13) 1,4-Dichlorobenzene	6.82	146	371810	46.486	ng		99
14) 1,2-Dichlorobenzene	6.97	146	325046	41.719	ng		97
15) Benzyl Alcohol	6.96	79	256193	42.984	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	492146	45.761	ng		98
17) 2-Methylphenol	7.10	107	268121	41.226	ng		97
18) Hexachloroethane	7.30	117	116822	39.638	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	233554	47.907	ng		98
20) 3+4-Methylphenols	7.26	107	363570	44.736	ng	#	61
22) Acetophenone	7.21	105	457335	48.125	ng	#	92
24) Nitrobenzene	7.39	77	351538	44.175	ng		98
25) Isophorone	7.63	82	629570	42.501	ng		98
26) 2-Nitrophenol	7.70	139	176470	41.917	ng		91
27) 2,4-Dimethylphenol	7.76	122	279676	45.118	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	393250	45.797	ng		100
29) 2,4-Dichlorophenol	7.97	162	293024	46.504	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	316056	45.262	ng		99
31) Naphthalene	8.10	128	990487	47.455	ng		100
32) Benzoic acid	7.92	122	188573	39.649	ng		95
33) 4-Chloroaniline	8.16	127	228182	23.818	ng		99
34) Hexachlorobutadiene	8.22	225	179893	44.196	ng		99
35) Caprolactam	8.53	113	80537	39.964	ng		95
36) 4-Chloro-3-methylphenol	8.67	107	291284	46.271	ng		95
37) 2-Methylnaphthalene	8.79	142	711293	52.203	ng		98
38) 1-Methylnaphthalene	8.89	142	669879	52.248	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	199377	59.464	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	71416	38.010	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	111357	46.820	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	114485	42.428	ng		99
46) 1,1'-Biphenyl	9.26	154	440728	52.563	ng		99
47) 2-Chloronaphthalene	9.28	162	341025	49.737	ng		98
48) 2-Nitroaniline	9.39	65	101743	47.247	ng		94
49) Acenaphthylene	9.70	152	519250	49.070	ng		99
50) Dimethylphthalate	9.56	163	455914	56.375	ng		99
51) 2,6-Dinitrotoluene	9.63	165	87216	47.587	ng		89
52) Acenaphthene	9.87	154	311632	49.379	ng		100
53) 3-Nitroaniline	9.81	138	76558	34.778	ng		99
54) 2,4-Dinitrophenol	9.91	184	5781	8.234	ng		98
55) Dibenzofuran	10.04	168	474840	49.070	ng		94
56) 4-Nitrophenol	10.02	139	91620m	55.261	ng		
57) 2,4-Dinitrotoluene	10.03	165	112108	46.097	ng	#	86
58) Fluorene	10.39	166	384193	51.502	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	94347	44.443	ng		96
60) Diethylphthalate	10.26	149	417711	52.444	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	189878	49.289	ng		93
62) 4-Nitroaniline	10.42	138	83199	38.070	ng		87
63) Azobenzene	10.53	77	355769	49.207	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	10676	8.498	ng		93
66) n-Nitrosodiphenylamine	10.50	169	336872	52.394	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	119585	50.326	ng		94
68) Hexachlorobenzene	10.93	284	130665	51.145	ng		96
69) Atrazine	11.03	200	86093	43.270	ng		97
70) Pentachlorophenol	11.14	266	80091	56.388	ng		99
71) Phenanthrene	11.35	178	537675	51.661	ng		100
72) Anthracene	11.40	178	556432	53.040	ng		99
73) Carbazole	11.56	167	496406	47.801	ng		99
74) Di-n-butylphthalate	11.88	149	640384	54.850	ng		100
75) Fluoranthene	12.53	202	560743	47.123	ng		100
77) Benzidine	12.66	184	62067	11.615	ng		99
78) Pyrene	12.76	202	548985	49.047	ng		100
80) Butylbenzylphthalate	13.38	149	244687	49.231	ng		96
81) Benzo(a)anthracene	13.96	228	489408	51.557	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	165014	45.510	ng	#	98
83) Chrysene	13.99	228	482870	49.591	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	348596	57.470	ng		99
85) Di-n-octyl phthalate	14.55	149	573831	49.569	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	501006	49.326	ng		98
88) Benzo(b)fluoranthene	14.99	252	491680	49.432	ng		98
89) Benzo(k)fluoranthene	15.02	252	501523	56.982	ng		99
90) Benzo(a)pyrene	15.35	252	454419	51.048	ng		97
91) Dibenzo(a,h)anthracene	16.86	278	429601	52.744	ng		98
92) Benzo(g,h,i)perylene	17.28	276	379391	46.212	ng		96

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

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