Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119867.D
Acq On : 9 Apr 2020 11:16
Operator : MA/SJ
Sample : L2153-04MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:32 AM

Quant Time: Apr 09 11:48:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	173574	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	630007	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	245936	20.00	ng		0.01
64) Phenanthrene-d10	11.33	188	334327	20.00	ng		0.04
76) Chrysene-d12	13.96	240	270864	20.00	ng		0.02
87) Perylene-d12	15.39	264	318462	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1677477	167.02	ng		0.02
7) Phenol-d6	6.42	99	1997969	154.38	ng		0.01
23) Nitrobenzene-d5	7.34	82	1281753	105.25	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	415946	138.14	ng		0.03
45) 2-Fluorobiphenyl	9.14	172	2192793	126.59	ng		0.00
79) Terphenyl-d14	12.92	244	1486933	92.37	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	180612	40.374	ng		98
3) Pyridine	3.23	79	513526	41.840	ng		96
4) n-Nitrosodimethylamine	3.18	42	316679	50.499	ng		97
6) Aniline	6.43	93	413416	24.338	ng	#	74
8) 2-Chlorophenol	6.56	128	607191	54.107	ng		98
9) Benzaldehyde	6.32	77	295829	44.894	ng		99
10) Phenol	6.43	94	744262	50.691	ng		100
11) bis(2-Chloroethyl)ether	6.51	93	623379	54.988	ng		100
12) 1,3-Dichlorobenzene	6.71	146	609215	49.586	ng		99
13) 1,4-Dichlorobenzene	6.79	146	617927	49.374	ng		99
14) 1,2-Dichlorobenzene	6.94	146	582046	50.464	ng		99
15) Benzyl Alcohol	6.92	79	522204	51.951	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1111243	50.373	ng		99
17) 2-Methylphenol	7.03	107	513104	51.234	ng		97
18) Hexachloroethane	7.28	117	234016	50.033	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	434386	52.196	ng		99
20) 3+4-Methylphenols	7.19	107	603064	49.236	ng		99
22) Acetophenone	7.19	105	813358	55.133	ng		95
24) Nitrobenzene	7.36	77	639701	52.218	ng		98
25) Isophorone	7.60	82	1213947	51.711	ng		99
26) 2-Nitrophenol	7.67	139	321791	52.577	ng		94
27) 2,4-Dimethylphenol	7.72	122	433806	46.996	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	731766	52.973	ng		99
29) 2,4-Dichlorophenol	7.92	162	492735	52.077	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	537388	50.126	ng		98
31) Naphthalene	8.08	128	1700835	51.313	ng		100
32) Benzoic acid	7.86	122	421209	51.957	ng		96
33) 4-Chloroaniline	8.13	127	206796	14.331	ng		98
34) Hexachlorobutadiene	8.20	225	320818	49.991	ng		99
35) Caprolactam	8.51	113	157539m	54.431	ng		
36) 4-Chloro-3-methylphenol	8.62	107	523857	51.139	ng		99
37) 2-Methylnaphthalene	8.77	142	1086278	48.339	ng		99
38) 1-Methylnaphthalene	8.87	142	1022886	48.292	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	475089	61.162	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	568236	128.647	ng		98
43) 2,4,6-Trichlorophenol	9.06	196	344906	64.301	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	341744	56.567	ng	#	91
46) 1,1'-Biphenyl	9.25	154	1230211	59.263	ng		99
47) 2-Chloronaphthalene	9.27	162	953984	59.657	ng		97
48) 2-Nitroaniline	9.36	65	367266	63.376	ng		97
49) Acenaphthylene	9.69	152	1308356	53.799	ng		97
50) Dimethylphthalate	9.55	163	1304875	68.595	ng	#	99
51) 2,6-Dinitrotoluene	9.61	165	253940	60.960	ng		87
52) Acenaphthene	9.86	154	862362	53.158	ng		99
53) 3-Nitroaniline	9.77	138	164097	34.492	ng	#	94
54) 2,4-Dinitrophenol	9.89	184	183486	73.571	ng	#	78
55) Dibenzofuran	10.04	168	1113112	50.001	ng		100
56) 4-Nitrophenol	9.95	139	355677	100.477	ng	#	70
57) 2,4-Dinitrotoluene	10.02	165	266860	48.623	ng	#	96
58) Fluorene	10.39	166	788388	44.282	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.16	232	214547	46.433	ng	#	93
60) Diethylphthalate	10.26	149	918489	46.586	ng		93
61) 4-Chlorophenyl-phenylether	10.37	204	371207	40.680	ng	#	86
62) 4-Nitroaniline	10.39	138	144891	31.956	ng		85
63) Azobenzene	10.54	77	823913	46.630	ng		90
65) 4,6-Dinitro-2-methylphenol	10.43	198	90755	41.204	ng	#	1
66) n-Nitrosodiphenylamine	10.49	169	709792	63.837	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	213334	51.311	ng	#	91
68) Hexachlorobenzene	10.95	284	231264	54.830	ng	#	87
69) Atrazine	11.03	200	214012	69.179	ng		78
70) Pentachlorophenol	11.14	266	231794	95.364	ng		98
71) Phenanthrene	11.36	178	913625	51.347	ng	#	90
72) Anthracene	11.42	178	917651	50.485	ng	#	95
73) Carbazole	11.56	167	862492	50.176	ng	#	91
74) Di-n-butylphthalate	11.90	149	1154252	51.080	ng		97
75) Fluoranthene	12.55	202	968371	50.440	ng		96
77) Benzidine	12.66	184	118785	12.973	ng	#	45
78) Pyrene	12.78	202	980024	42.919	ng		98
80) Butylbenzylphthalate	13.39	149	490810	44.297	ng		94
81) Benzo(a)anthracene	13.96	228	953994	53.538	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	157074	23.625	ng	#	95
83) Chrysene	13.99	228	911268	50.330	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	746623	49.760	ng		98
85) Di-n-octyl phthalate	14.54	149	1327017	51.942	ng	#	92
86) Indeno(1,2,3-cd)pyrene	16.81	276	1262009	79.073	ng		99
88) Benzo(b)fluoranthene	14.98	252	1062621	46.384	ng		97
89) Benzo(k)fluoranthene	15.01	252	1016888	51.445	ng		98
90) Benzo(a)pyrene	15.33	252	990106	51.402	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	1074350	62.966	ng		98
92) Benzo(g,h,i)perylene	17.24	276	1077175	63.957	ng		100

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

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