Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119767.D
Acq On : 6 Apr 2020 13:12
Operator : MA/SJ
Sample : PB127997BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127997BS

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:15 AM

Quant Time: Apr 06 13:43:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156551	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	634436	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	320026	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	584663	20.00	ng		0.00
76) Chrysene-d12	13.96	240	430427	20.00	ng		0.00
87) Perylene-d12	15.40	264	503748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1221888	124.25	ng		0.02
7) Phenol-d6	6.42	99	1520162	121.01	ng		0.00
23) Nitrobenzene-d5	7.35	82	947157	81.14	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	441970	133.87	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1868272	86.49	ng		0.00
79) Terphenyl-d14	12.90	244	2066796	94.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	160574	33.060	ng		99
3) Pyridine	3.27	79	444049	33.185	ng		97
4) n-Nitrosodimethylamine	3.22	42	250523	38.393	ng		97
6) Aniline	6.45	93	431020	24.860	ng		96
8) 2-Chlorophenol	6.57	128	477783	46.258	ng		97
9) Benzaldehyde	6.33	77	243925	30.608	ng		99
10) Phenol	6.43	94	595529	44.428	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	449704	41.947	ng		99
12) 1,3-Dichlorobenzene	6.72	146	486592	43.528	ng		95
13) 1,4-Dichlorobenzene	6.80	146	492493	44.045	ng		98
14) 1,2-Dichlorobenzene	6.96	146	468218	44.799	ng		98
15) Benzyl Alcohol	6.93	79	387741	41.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	810546	37.483	ng		99
17) 2-Methylphenol	7.04	107	377665	39.908	ng		98
18) Hexachloroethane	7.30	117	192220	46.909	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	316837	41.843	ng		99
20) 3+4-Methylphenols	7.19	107	472805	40.767	ng	#	78
22) Acetophenone	7.19	105	616126	40.643	ng	#	88
24) Nitrobenzene	7.37	77	504156	40.412	ng		95
25) Isophorone	7.61	82	885660	37.401	ng		99
26) 2-Nitrophenol	7.69	139	251302	51.160	ng	#	86
27) 2,4-Dimethylphenol	7.72	122	420135	41.364	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	592019	42.278	ng		100
29) 2,4-Dichlorophenol	7.93	162	408174	43.737	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	450461	43.645	ng		100
31) Naphthalene	8.09	128	1435882	43.980	ng		98
32) Benzoic acid	7.85	122	323694	49.544	ng		95
33) 4-Chloroaniline	8.14	127	211209	14.118	ng		98
34) Hexachlorobutadiene	8.21	225	255394	44.227	ng		98
35) Caprolactam	8.50	113	124706m	40.829	ng		
36) 4-Chloro-3-methylphenol	8.63	107	444846	43.612	ng		100
37) 2-Methylnaphthalene	8.79	142	955103	44.575	ng		98
38) 1-Methylnaphthalene	8.89	142	900062	44.379	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	412481	43.973	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	511414	95.900	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	303650	45.235	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	318203	42.315	ng	93
46) 1,1'-Biphenyl	9.25	154	1137848	43.655	ng	98
47) 2-Chloronaphthalene	9.27	162	890967	43.639	ng	98
48) 2-Nitroaniline	9.37	65	304661	43.232	ng	95
49) Acenaphthylene	9.69	152	1396035	43.542	ng	98
50) Dimethylphthalate	9.55	163	1005941	44.253	ng	100
51) 2,6-Dinitrotoluene	9.61	165	227196	46.629	ng	91
52) Acenaphthene	9.86	154	856791	42.866	ng	99
53) 3-Nitroaniline	9.78	138	138258	22.476	ng	90
54) 2,4-Dinitrophenol	9.89	184	264820	121.462	ng	92
55) Dibenzofuran	10.03	168	1261731	44.029	ng	99
56) 4-Nitrophenol	9.95	139	422424	87.052	ng	99
57) 2,4-Dinitrotoluene	10.02	165	306276	49.899	ng	97
58) Fluorene	10.38	166	961854	45.388	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	262188	46.645	ng	98
60) Diethylphthalate	10.26	149	1024329	44.399	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	456475	44.048	ng	98
62) 4-Nitroaniline	10.40	138	244390	41.431	ng	93
63) Azobenzene	10.53	77	972106	41.842	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	168799	68.851	ng	97
66) n-Nitrosodiphenylamine	10.49	169	876829	45.683	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	285823	42.926	ng	92
68) Hexachlorobenzene	10.93	284	314300	46.119	ng	92
69) Atrazine	11.02	200	257043	48.850	ng	98
70) Pentachlorophenol	11.12	266	356320	89.170	ng	98
71) Phenanthrene	11.34	178	1345873	44.394	ng	100
72) Anthracene	11.39	178	1396513	45.324	ng	98
73) Carbazole	11.54	167	1329369	43.589	ng	99
74) Di-n-butylphthalate	11.88	149	1577093	48.341	ng	99
75) Fluoranthene	12.53	202	1511431	46.067	ng	99
77) Benzidine	12.64	184	485319	26.643	ng	99
78) Pyrene	12.76	202	1482070	41.956	ng	98
80) Butylbenzylphthalate	13.38	149	643179	45.018	ng	100
81) Benzo(a)anthracene	13.94	228	1207593	43.144	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	274559	24.878	ng	97
83) Chrysene	13.99	228	1224724	42.397	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	811080	47.622	ng	100
85) Di-n-octyl phthalate	14.55	149	1579754	52.740	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1519538	55.854	ng	99
88) Benzo(b)fluoranthene	14.99	252	1458624	43.347	ng	99
89) Benzo(k)fluoranthene	15.02	252	1278559	39.903	ng	99
90) Benzo(a)pyrene	15.34	252	1299814	42.504	ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1255426	46.935	ng	99
92) Benzo(g,h,i)perylene	17.26	276	1261098	46.930	ng	98

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

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