Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119216.D
Acq On : 5 Mar 2020 16:04
Operator : CG/JU
Sample : PB127285BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127285BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:03 AM

Quant Time: Mar 06 06:55:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123102	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	485003	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	279746	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	534385	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	381629	20.00	ng		-0.01
87) Perylene-d12	15.31	264	321297	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	939780	127.58	ng		0.00
7) Phenol-d6	6.39	99	1129866	126.12	ng		-0.01
23) Nitrobenzene-d5	7.29	82	687872	74.89	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	448787	122.63	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1426542	75.12	ng		-0.02
79) Terphenyl-d14	12.83	244	1750153	78.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	131464	40.085	ng		99
3) Pyridine	3.23	79	315870	35.266	ng		98
4) n-Nitrosodimethylamine	3.16	42	127680	47.057	ng		94
6) Aniline	6.39	93	344311	31.147	ng	#	81
8) 2-Chlorophenol	6.52	128	385440	48.486	ng		98
9) Benzaldehyde	6.27	77	167647	28.009	ng		98
10) Phenol	6.40	94	457279	47.211	ng		82
11) bis(2-Chloroethyl)ether	6.47	93	348336	47.002	ng		99
12) 1,3-Dichlorobenzene	6.67	146	416551	43.719	ng		99
13) 1,4-Dichlorobenzene	6.75	146	425586	44.636	ng		98
14) 1,2-Dichlorobenzene	6.90	146	391587	45.033	ng		99
15) Benzyl Alcohol	6.88	79	322930	49.876	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	278355	43.358	ng	#	18
17) 2-Methylphenol	7.00	107	317924	49.328	ng		94
18) Hexachloroethane	7.23	117	151945	44.544	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	266403	51.033	ng		98
20) 3+4-Methylphenols	7.16	107	417253	52.843	ng	#	86
22) Acetophenone	7.14	105	525255	46.807	ng	#	95
24) Nitrobenzene	7.31	77	405725	44.665	ng		96
25) Isophorone	7.55	82	732680	45.928	ng		98
26) 2-Nitrophenol	7.63	139	218544	45.407	ng		97
27) 2,4-Dimethylphenol	7.68	122	340796	52.173	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	447840	43.130	ng		98
29) 2,4-Dichlorophenol	7.88	162	350986	45.643	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	379865	41.664	ng		97
31) Naphthalene	8.03	128	1126620	44.790	ng		99
32) Benzoic acid	7.85	122	180067	39.202	ng		97
33) 4-Chloroaniline	8.09	127	290083	26.814	ng		98
34) Hexachlorobutadiene	8.15	225	230356	40.561	ng		97
35) Caprolactam	8.47	113	105836m	44.698	ng		
36) 4-Chloro-3-methylphenol	8.59	107	375911	48.302	ng		98
37) 2-Methylnaphthalene	8.72	142	788727	46.595	ng		98
38) 1-Methylnaphthalene	8.82	142	736307	46.252	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	387642	41.099	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	197310	60.117	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	244652	41.075	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	255215	40.833	ng		99
46) 1,1'-Biphenyl	9.19	154	956009	42.284	ng		99
47) 2-Chloronaphthalene	9.22	162	769675	42.244	ng		97
48) 2-Nitroaniline	9.32	65	222766	43.836	ng		98
49) Acenaphthylene	9.63	152	1173108	44.580	ng		99
50) Dimethylphthalate	9.49	163	953071	44.554	ng		99
51) 2,6-Dinitrotoluene	9.56	165	213252	44.871	ng	#	86
52) Acenaphthene	9.80	154	691472	43.579	ng		99
53) 3-Nitroaniline	9.73	138	144374	27.402	ng		94
54) 2,4-Dinitrophenol	9.85	184	163620	71.692	ng	#	91
55) Dibenzofuran	9.97	168	1033429	43.635	ng		99
56) 4-Nitrophenol	9.92	139	196923	62.207	ng		94
57) 2,4-Dinitrotoluene	9.97	165	265966	43.175	ng		91
58) Fluorene	10.32	166	845331	45.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	228685	43.362	ng		97
60) Diethylphthalate	10.19	149	914216	45.350	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	440078	45.177	ng		95
62) 4-Nitroaniline	10.35	138	186553	34.607	ng		97
63) Azobenzene	10.46	77	814118	46.461	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	148301	45.862	ng		96
66) n-Nitrosodiphenylamine	10.43	169	767848	43.883	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	289391	41.430	ng		94
68) Hexachlorobenzene	10.87	284	331658	41.182	ng		98
69) Atrazine	10.96	200	271065	44.339	ng		98
70) Pentachlorophenol	11.07	266	222571	68.607	ng		98
71) Phenanthrene	11.27	178	1257308	43.143	ng		98
72) Anthracene	11.33	178	1279051	43.926	ng		98
73) Carbazole	11.49	167	1124650	43.354	ng		98
74) Di-n-butylphthalate	11.81	149	1402121	44.633	ng		98
75) Fluoranthene	12.46	202	1332355	43.071	ng		99
77) Benzidine	12.58	184	487147	31.387	ng		99
78) Pyrene	12.69	202	1336717	43.620	ng		99
80) Butylbenzylphthalate	13.30	149	589231	45.686	ng		94
81) Benzo(a)anthracene	13.88	228	1170049	44.997	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	325907	32.277	ng		99
83) Chrysene	13.92	228	1112054	42.920	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	812538	49.867	ng		99
85) Di-n-octyl phthalate	14.47	149	1291744	49.757	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	891594	35.539	ng		100
88) Benzo(b)fluoranthene	14.91	252	1020352	48.179	ng		98
89) Benzo(k)fluoranthene	14.94	252	956675	48.745	ng		99
90) Benzo(a)pyrene	15.26	252	848708	44.403	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	748640	44.514	ng		99
92) Benzo(g,h,i)perylene	17.14	276	735047	44.235	ng		100

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

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