Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119213.D
Acq On : 5 Mar 2020 14:24
Operator : CG/JU
Sample : PB127192BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:26:55 AM

Quant Time: Mar 06 06:46:17 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	132479	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	517506	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	298271	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	555766	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	372466	20.00	ng		-0.01
87) Perylene-d12	15.31	264	310738	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1013691	127.87	ng		0.00
7) Phenol-d6	6.39	99	1233823	127.98	ng		-0.01
23) Nitrobenzene-d5	7.30	82	746080	76.12	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	480161	123.06	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1528971	75.52	ng		-0.02
79) Terphenyl-d14	12.83	244	1788825	82.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	140585	39.832	ng		98
3) Pyridine	3.23	79	347269	36.027	ng		98
4) n-Nitrosodimethylamine	3.17	42	141233	48.368	ng		91
6) Aniline	6.39	93	385471	32.403	ng	#	76
8) 2-Chlorophenol	6.53	128	423692	49.525	ng		97
9) Benzaldehyde	6.27	77	168892	26.220	ng		97
10) Phenol	6.40	94	502577	48.215	ng		86
11) bis(2-Chloroethyl)ether	6.47	93	381425	47.824	ng		97
12) 1,3-Dichlorobenzene	6.67	146	452753	44.155	ng		98
13) 1,4-Dichlorobenzene	6.75	146	462946	45.118	ng		98
14) 1,2-Dichlorobenzene	6.90	146	430169	45.969	ng		99
15) Benzyl Alcohol	6.88	79	357765	51.345	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	309829	44.845	ng	#	11
17) 2-Methylphenol	7.00	107	351433	50.668	ng		94
18) Hexachloroethane	7.23	117	165461	45.073	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	293232	52.197	ng		94
20) 3+4-Methylphenols	7.16	107	462158	54.387	ng	#	86
22) Acetophenone	7.14	105	583477	48.730	ng	#	95
24) Nitrobenzene	7.32	77	446792	46.097	ng		99
25) Isophorone	7.56	82	811763	47.689	ng		100
26) 2-Nitrophenol	7.63	139	246194	47.939	ng		97
27) 2,4-Dimethylphenol	7.68	122	377760	54.199	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	496321	44.796	ng		99
29) 2,4-Dichlorophenol	7.88	162	384902	46.910	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	416258	42.788	ng		100
31) Naphthalene	8.03	128	1228436	45.771	ng		99
32) Benzoic acid	7.85	122	204364	41.272	ng		97
33) 4-Chloroaniline	8.09	127	342510	29.671	ng		98
34) Hexachlorobutadiene	8.15	225	251381	41.484	ng		99
35) Caprolactam	8.47	113	115447m	45.695	ng		
36) 4-Chloro-3-methylphenol	8.59	107	410372	49.419	ng		99
37) 2-Methylnaphthalene	8.72	142	869183	48.123	ng		99
38) 1-Methylnaphthalene	8.82	142	816214	48.052	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	428183	42.578	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	230647	65.004	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	268707	42.312	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	280580	42.104	ng		97
46) 1,1'-Biphenyl	9.19	154	1063044	44.098	ng		98
47) 2-Chloronaphthalene	9.22	162	841109	43.298	ng		97
48) 2-Nitroaniline	9.32	65	244014	45.035	ng		98
49) Acenaphthylene	9.63	152	1276318	45.490	ng		100
50) Dimethylphthalate	9.49	163	1031134	45.209	ng		99
51) 2,6-Dinitrotoluene	9.56	165	232032	45.790	ng		98
52) Acenaphthene	9.80	154	757588	44.780	ng		99
53) 3-Nitroaniline	9.73	138	159862	28.457	ng		91
54) 2,4-Dinitrophenol	9.85	184	186939	76.287	ng	#	88
55) Dibenzofuran	9.97	168	1129065	44.712	ng		98
56) 4-Nitrophenol	9.93	139	237961	70.502	ng		99
57) 2,4-Dinitrotoluene	9.97	165	290119	44.170	ng		98
58) Fluorene	10.32	166	917455	46.757	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	249609	44.390	ng		98
60) Diethylphthalate	10.19	149	990913	46.102	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	475712	45.802	ng		97
62) 4-Nitroaniline	10.35	138	206650	35.954	ng		96
63) Azobenzene	10.46	77	875023	46.836	ng		95
65) 4,6-Dinitro-2-methylphenol	10.39	198	161963	48.160	ng		96
66) n-Nitrosodiphenylamine	10.43	169	835531	45.914	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	315890	43.484	ng		96
68) Hexachlorobenzene	10.87	284	363483	43.397	ng		100
69) Atrazine	10.96	200	292804	46.052	ng		99
70) Pentachlorophenol	11.07	266	247285	73.293	ng		97
71) Phenanthrene	11.27	178	1351239	44.582	ng		98
72) Anthracene	11.33	178	1388037	45.835	ng		99
73) Carbazole	11.49	167	1193428	44.236	ng		99
74) Di-n-butylphthalate	11.81	149	1485285	45.461	ng		99
75) Fluoranthene	12.46	202	1416233	44.021	ng		99
77) Benzidine	12.58	184	508354	33.559	ng		99
78) Pyrene	12.69	202	1414799	47.304	ng		99
80) Butylbenzylphthalate	13.30	149	600914	47.738	ng		98
81) Benzo(a)anthracene	13.88	228	1167297	45.995	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	330491	33.537	ng		100
83) Chrysene	13.92	228	1119014	44.251	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	808420	50.835	ng		100
85) Di-n-octyl phthalate	14.47	149	1223019	48.268	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	939192	38.357	ng		100
88) Benzo(b)fluoranthene	14.91	252	988912	48.282	ng		99
89) Benzo(k)fluoranthene	14.94	252	945024	49.787	ng		99
90) Benzo(a)pyrene	15.26	252	838370	45.352	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	795251	48.893	ng		100
92) Benzo(g,h,i)perylene	17.14	276	797482	49.623	ng		99

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

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