Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119021.D
Acq On : 24 Feb 2020 14:11
Operator : CG/JU
Sample : PB127020BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:13 PM

Quant Time: Feb 25 00:45:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157761	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	601395	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	348889	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	672528	20.00	ng		0.00
76) Chrysene-d12	13.92	240	479427	20.00	ng		0.00
87) Perylene-d12	15.34	264	367273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	997082	105.62	ng		0.00
7) Phenol-d6	6.40	99	1228806	107.03	ng		0.00
23) Nitrobenzene-d5	7.32	82	721191	63.32	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	478322	104.80	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1522696	64.30	ng		0.00
79) Terphenyl-d14	12.86	244	1884651	67.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	144173	34.302	ng		99
3) Pyridine	3.27	79	351613	30.632	ng		97
4) n-Nitrosodimethylamine	3.19	42	131391	37.786	ng		93
6) Aniline	6.42	93	386448	27.279	ng	#	45
8) 2-Chlorophenol	6.55	128	414024	40.640	ng		95
9) Benzaldehyde	6.30	77	182640	23.810	ng		99
10) Phenol	6.42	94	486400	39.185	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	370640	39.024	ng		100
12) 1,3-Dichlorobenzene	6.70	146	452737	37.077	ng		99
13) 1,4-Dichlorobenzene	6.77	146	461955	37.806	ng		100
14) 1,2-Dichlorobenzene	6.93	146	428636	38.464	ng		98
15) Benzyl Alcohol	6.90	79	352282	42.456	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	307506	37.376	ng		92
17) 2-Methylphenol	7.02	107	340206	41.189	ng		96
18) Hexachloroethane	7.27	117	164450	37.618	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	271391	40.567	ng		97
20) 3+4-Methylphenols	7.17	107	422659	41.768	ng	#	72
22) Acetophenone	7.16	105	546660	39.286	ng	#	94
24) Nitrobenzene	7.34	77	428670	38.058	ng		98
25) Isophorone	7.58	82	776881	39.274	ng		100
26) 2-Nitrophenol	7.66	139	236345	39.602	ng		98
27) 2,4-Dimethylphenol	7.70	122	359787	44.420	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	480836	37.345	ng		100
29) 2,4-Dichlorophenol	7.90	162	374350	39.260	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	410120	36.277	ng		99
31) Naphthalene	8.06	128	1205688	38.657	ng		100
32) Benzoic acid	7.85	122	200279	35.852	ng		99
33) 4-Chloroaniline	8.11	127	301178	22.451	ng		99
34) Hexachlorobutadiene	8.18	225	248540	35.294	ng		98
35) Caprolactam	8.48	113	106441m	36.253	ng		
36) 4-Chloro-3-methylphenol	8.60	107	389173	40.328	ng		95
37) 2-Methylnaphthalene	8.75	142	837453	39.899	ng		99
38) 1-Methylnaphthalene	8.85	142	784353	39.735	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	418363	35.566	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	246434	60.190	ng		96
43) 2,4,6-Trichlorophenol	9.03	196	277800	37.397	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	295128	37.861	ng		95
46) 1,1'-Biphenyl	9.22	154	1024274	36.325	ng		100
47) 2-Chloronaphthalene	9.24	162	819031	36.044	ng		98
48) 2-Nitroaniline	9.34	65	229687	36.241	ng		96
49) Acenaphthylene	9.66	152	1264803	38.539	ng		99
50) Dimethylphthalate	9.52	163	1004373	37.647	ng		99
51) 2,6-Dinitrotoluene	9.58	165	228910	38.620	ng		99
52) Acenaphthene	9.83	154	741765	37.484	ng		100
53) 3-Nitroaniline	9.75	138	156219	23.774	ng		96
54) 2,4-Dinitrophenol	9.87	184	194641	68.727	ng		99
55) Dibenzofuran	10.00	168	1143831	38.725	ng		100
56) 4-Nitrophenol	9.93	139	299058	75.749	ng		96
57) 2,4-Dinitrotoluene	9.99	165	300171	39.070	ng		92
58) Fluorene	10.34	166	890659	38.805	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	245562	37.334	ng		99
60) Diethylphthalate	10.22	149	979166	38.946	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	464411	38.227	ng		96
62) 4-Nitroaniline	10.36	138	226146	33.638	ng		99
63) Azobenzene	10.49	77	861207	39.408	ng		99
65) 4,6-Dinitro-2-methylphenol	10.40	198	164381	40.393	ng		98
66) n-Nitrosodiphenylamine	10.45	169	812630	36.902	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	317928	36.166	ng		95
68) Hexachlorobenzene	10.90	284	357546	35.277	ng	#	92
69) Atrazine	10.98	200	297891	38.718	ng		99
70) Pentachlorophenol	11.09	266	302238	74.028	ng		99
71) Phenanthrene	11.30	178	1351350	36.845	ng		100
72) Anthracene	11.35	178	1399859	38.200	ng		100
73) Carbazole	11.51	167	1225692	37.544	ng		99
74) Di-n-butylphthalate	11.84	149	1524618	38.563	ng		99
75) Fluoranthene	12.49	202	1452756	37.316	ng		99
77) Benzidine	12.60	184	383086	19.648	ng		98
78) Pyrene	12.72	202	1451487	37.703	ng		99
80) Butylbenzylphthalate	13.33	149	627522	38.730	ng		99
81) Benzo(a)anthracene	13.90	228	1211416	37.084	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	361990	28.538	ng		100
83) Chrysene	13.94	228	1182717	36.336	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	846672	41.363	ng		99
85) Di-n-octyl phthalate	14.50	149	1340875	41.113	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	955959	30.332	ng		99
88) Benzo(b)fluoranthene	14.93	252	1060162	43.793	ng		100
89) Benzo(k)fluoranthene	14.96	252	1024685	45.674	ng		99
90) Benzo(a)pyrene	15.28	252	881630	40.351	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	805319	41.890	ng		99
92) Benzo(g,h,i)perylene	17.17	276	805511	42.407	ng		99

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

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