Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119226.D
Acq On : 5 Mar 2020 22:02
Operator : CG/JU
Sample : PB127239BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127239BS

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

Quant Time: Mar 06 07:34:31 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	6.72	152	139827	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	541339	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	301887	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	567361	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	366225	20.00	ng		-0.02
87) Perylene-d12	15.31	264	287477	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	738442	88.26	ng		0.00
7) Phenol-d6	6.38	99	613745	60.31	ng		-0.02
23) Nitrobenzene-d5	7.29	82	882921	86.12	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	507469	128.50	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1753882	85.59	ng		-0.02
79) Terphenyl-d14	12.83	244	2163763	101.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	62817	16.862	ng		100
4) n-Nitrosodimethylamine	3.12	42	60816	19.733	ng		92
8) 2-Chlorophenol	6.52	128	425157	47.085	ng		97
9) Benzaldehyde	6.27	77	204240	30.042	ng		98
10) Phenol	6.39	94	237823	21.617	ng	#	76
11) bis(2-Chloroethyl)ether	6.46	93	394232	46.832	ng		97
12) 1,3-Dichlorobenzene	6.66	146	389813	36.019	ng		97
13) 1,4-Dichlorobenzene	6.74	146	398240	36.772	ng		99
14) 1,2-Dichlorobenzene	6.90	146	376063	38.075	ng		98
15) Benzyl Alcohol	6.88	79	234273	31.855	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	317105	43.486	ng	#	51
17) 2-Methylphenol	7.00	107	311507	42.551	ng		92
18) Hexachloroethane	7.23	117	133956	34.573	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	304003	51.270	ng		98
20) 3+4-Methylphenols	7.15	107	373464	41.640	ng		93
22) Acetophenone	7.14	105	611689	48.837	ng	#	96
24) Nitrobenzene	7.31	77	459293	45.300	ng		96
25) Isophorone	7.55	82	847438	47.593	ng		98
26) 2-Nitrophenol	7.63	139	252623	47.026	ng		97
27) 2,4-Dimethylphenol	7.67	122	356471	48.893	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	505702	43.634	ng		99
29) 2,4-Dichlorophenol	7.88	162	389937	45.431	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	366593	36.024	ng		99
31) Naphthalene	8.03	128	1162490	41.407	ng		99
32) Benzoic acid	7.82	122	89742	21.202	ng		98
33) 4-Chloroaniline	8.09	127	40757	3.375	ng		98
34) Hexachlorobutadiene	8.15	225	204167	32.209	ng		98
35) Caprolactam	8.47	113	19582m	7.409	ng		
36) 4-Chloro-3-methylphenol	8.57	107	415628	47.848	ng		98
37) 2-Methylnaphthalene	8.72	142	831799	44.026	ng		99
38) 1-Methylnaphthalene	8.82	142	785794	44.224	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	418769	41.143	ng		99
41) Hexachlorocyclopentadiene	8.87	237	168279	49.481	ng		100
43) 2,4,6-Trichlorophenol	9.01	196	276877	43.076	ng		100

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44) 2,4,5-Trichlorophenol	9.06	196	294545	43.670	ng		97
46) 1,1'-Biphenyl	9.19	154	1045461	42.849	ng		99
47) 2-Chloronaphthalene	9.21	162	832620	42.347	ng		98
48) 2-Nitroaniline	9.32	65	253905	46.299	ng		99
49) Acenaphthylene	9.63	152	1282206	45.153	ng		99
50) Dimethylphthalate	9.49	163	1068523	46.287	ng		99
51) 2,6-Dinitrotoluene	9.56	165	239924	46.780	ng	#	86
52) Acenaphthene	9.80	154	768349	44.872	ng		99
53) 3-Nitroaniline	9.73	138	127883	22.492	ng		100
54) 2,4-Dinitrophenol	9.85	184	222445	88.376	ng		93
55) Dibenzofuran	9.97	168	1149721	44.985	ng		100
56) 4-Nitrophenol	9.92	139	104587	30.615	ng		97
57) 2,4-Dinitrotoluene	9.97	165	301321	45.326	ng		92
58) Fluorene	10.31	166	945766	47.622	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	251211	44.140	ng		99
60) Diethylphthalate	10.19	149	1024866	47.110	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	487304	46.356	ng		99
62) 4-Nitroaniline	10.35	138	204851	35.214	ng		99
63) Azobenzene	10.46	77	913631	48.316	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	179469	52.275	ng		93
66) n-Nitrosodiphenylamine	10.43	169	848380	45.667	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	328773	44.332	ng		99
68) Hexachlorobenzene	10.87	284	373660	43.701	ng		96
69) Atrazine	10.96	200	317111	48.856	ng		98
70) Pentachlorophenol	11.07	266	263543	76.515	ng		99
71) Phenanthrene	11.27	178	1412877	45.663	ng		98
72) Anthracene	11.33	178	1441251	46.619	ng		99
73) Carbazole	11.49	167	1293828	46.977	ng		98
74) Di-n-butylphthalate	11.80	149	1565076	46.924	ng		100
75) Fluoranthene	12.46	202	1499566	45.658	ng		99
78) Pyrene	12.69	202	1494495	50.820	ng		100
80) Butylbenzylphthalate	13.30	149	623018	50.338	ng		97
81) Benzo(a)anthracene	13.87	228	1197805	48.002	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	255135	26.331	ng		97
83) Chrysene	13.92	228	1129641	45.433	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	813988	52.058	ng		98
85) Di-n-octyl phthalate	14.46	149	1141990	45.839	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	983346	40.845	ng		100
88) Benzo(b)fluoranthene	14.90	252	898941	47.440	ng		100
89) Benzo(k)fluoranthene	14.93	252	902480	51.393	ng		99
90) Benzo(a)pyrene	15.25	252	783580	45.818	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	831482	55.256	ng		99
92) Benzo(g,h,i)perylene	17.13	276	846771	56.953	ng		99

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

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