Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119223.D
Acq On : 5 Mar 2020 20:33
Operator : CG/JU
Sample : PB127261BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:40 AM

Quant Time: Mar 06 07:11:25 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	167922	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	641372	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	332829	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	643702	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	455948	20.00	ng		-0.02
87) Perylene-d12	15.31	264	211884	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1073755	106.86	ng		0.00
7) Phenol-d6	6.39	99	1340164	109.67	ng		-0.01
23) Nitrobenzene-d5	7.29	82	863018	71.05	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	490793	112.72	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1691319	74.86	ng		-0.02
79) Terphenyl-d14	12.83	244	1987357	75.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	131208	29.328	ng		98
3) Pyridine	3.23	79	321205	26.290	ng		99
4) n-Nitrosodimethylamine	3.16	42	136075	36.765	ng		95
6) Aniline	6.40	93	242391	16.075	ng	#	49
8) 2-Chlorophenol	6.52	128	412268	38.019	ng		99
9) Benzaldehyde	6.30	77	1899	0.233	ng		91
10) Phenol	6.40	94	484898	36.700	ng		80
11) bis(2-Chloroethyl)ether	6.47	93	380478	37.636	ng		100
12) 1,3-Dichlorobenzene	6.67	146	447844	34.457	ng		100
13) 1,4-Dichlorobenzene	6.74	146	452604	34.800	ng		99
14) 1,2-Dichlorobenzene	6.90	146	417100	35.164	ng		99
15) Benzyl Alcohol	6.88	79	339064	38.390	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	307211	35.081	ng	#	28
17) 2-Methylphenol	7.00	107	335118	38.118	ng		93
18) Hexachloroethane	7.23	117	161454	34.698	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	279972	39.317	ng		97
20) 3+4-Methylphenols	7.16	107	441704	41.009	ng	#	85
22) Acetophenone	7.14	105	582297	39.239	ng	#	94
24) Nitrobenzene	7.31	77	434365	36.160	ng		96
25) Isophorone	7.55	82	770564	36.526	ng		99
26) 2-Nitrophenol	7.63	139	235876	37.060	ng		98
27) 2,4-Dimethylphenol	7.68	122	345430	39.989	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	474746	34.574	ng		98
29) 2,4-Dichlorophenol	7.89	162	370909	36.474	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	409146	33.935	ng		98
31) Naphthalene	8.03	128	1198163	36.021	ng		99
32) Benzoic acid	7.85	122	211115	35.513	ng		99
33) 4-Chloroaniline	8.09	127	270596	18.914	ng		99
34) Hexachlorobutadiene	8.15	225	244335	32.534	ng		98
35) Caprolactam	8.47	113	105944m	33.835	ng		
36) 4-Chloro-3-methylphenol	8.59	107	391046	37.997	ng		97
37) 2-Methylnaphthalene	8.72	142	827261	36.957	ng		99
38) 1-Methylnaphthalene	8.82	142	788262	37.444	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	420077	37.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	64835	23.403	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	253404	35.759	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	265080	35.648	ng		98
46) 1,1'-Biphenyl	9.19	154	1012019	37.622	ng		97
47) 2-Chloronaphthalene	9.21	162	803415	37.063	ng		99
48) 2-Nitroaniline	9.32	65	229119	37.896	ng		99
49) Acenaphthylene	9.63	152	1190966	38.041	ng		99
50) Dimethylphthalate	9.49	163	961779	37.790	ng		99
51) 2,6-Dinitrotoluene	9.56	165	217131	38.400	ng	#	87
52) Acenaphthene	9.80	154	720277	38.154	ng		99
53) 3-Nitroaniline	9.73	138	137620	21.954	ng		97
54) 2,4-Dinitrophenol	9.85	184	207775	76.015	ng		94
55) Dibenzofuran	9.97	168	1070975	38.008	ng		100
56) 4-Nitrophenol	9.92	139	207383	55.063	ng		98
57) 2,4-Dinitrotoluene	9.97	165	276519	37.728	ng		94
58) Fluorene	10.31	166	881756	40.271	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	241608	38.506	ng		98
60) Diethylphthalate	10.19	149	943595	39.342	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	453549	39.134	ng		100
62) 4-Nitroaniline	10.35	138	190513	29.705	ng		99
63) Azobenzene	10.46	77	829823	39.805	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	161633	41.496	ng		93
66) n-Nitrosodiphenylamine	10.42	169	787162	37.347	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	300596	35.726	ng		97
68) Hexachlorobenzene	10.87	284	345899	35.656	ng		96
69) Atrazine	10.95	200	83468	11.334	ng		99
70) Pentachlorophenol	11.07	266	392158	100.354	ng		99
71) Phenanthrene	11.27	178	1304828	37.170	ng		98
72) Anthracene	11.33	178	1275830	36.374	ng		98
73) Carbazole	11.48	167	1150289	36.812	ng		99
74) Di-n-butylphthalate	11.80	149	1418100	37.475	ng		100
75) Fluoranthene	12.46	202	1353081	36.312	ng		98
77) Benzidine	12.58	184	36913	1.991	ng		99
78) Pyrene	12.69	202	1345578	36.752	ng		99
80) Butylbenzylphthalate	13.30	149	574233	37.266	ng		99
81) Benzo(a)anthracene	13.87	228	1054533	33.944	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	260626	21.605	ng		99
83) Chrysene	13.92	228	990690	32.004	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	719103	36.939	ng		100
85) Di-n-octyl phthalate	14.46	149	1004011	32.370	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	914263	30.503	ng		99
88) Benzo(b)fluoranthene	14.90	252	812066	58.145	ng		99
89) Benzo(k)fluoranthene	14.93	252	789624	61.009	ng		99
90) Benzo(a)pyrene	15.25	252	727536	57.719	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	786036	70.873	ng		99
92) Benzo(g,h,i)perylene	17.13	276	792737	72.341	ng		100

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

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