Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119486.D
Acq On : 24 Mar 2020 13:24
Operator : CG/JU
Sample : PB127731BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127731BSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:25 PM

Quant Time: Mar 24 17:08:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306273	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1173964	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	612241	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1207162	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	925934	20.00	ng		-0.01
87) Perylene-d12	15.49	264	945700	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2051103	106.61	ng		0.00
7) Phenol-d6	6.47	99	2617053	106.48	ng		0.00
23) Nitrobenzene-d5	7.41	82	1639556	75.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	775415	122.76	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	3118006	75.45	ng		-0.01
79) Terphenyl-d14	12.97	244	3723384	78.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	294068	30.947	ng		99
3) Pyridine	3.42	79	812612	31.042	ng		96
4) n-Nitrosodimethylamine	3.37	42	441053	34.549	ng		97
6) Aniline	6.50	93	920083	27.125	ng		98
8) 2-Chlorophenol	6.63	128	840733	41.606	ng		99
9) Benzaldehyde	6.39	77	552429	35.433	ng		98
10) Phenol	6.48	94	1070685	40.828	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	802751	38.274	ng		96
12) 1,3-Dichlorobenzene	6.79	146	845800	38.674	ng		98
13) 1,4-Dichlorobenzene	6.86	146	861834	39.397	ng		98
14) 1,2-Dichlorobenzene	7.02	146	803255	39.285	ng		100
15) Benzyl Alcohol	6.99	79	715579	38.707	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1550945	36.660	ng		98
17) 2-Methylphenol	7.09	107	684684	36.982	ng		99
18) Hexachloroethane	7.36	117	324550	40.485	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	589056	39.764	ng		96
20) 3+4-Methylphenols	7.25	107	841008	37.066	ng	#	87
22) Acetophenone	7.25	105	1083663	38.631	ng	#	88
24) Nitrobenzene	7.43	77	870438	37.706	ng		97
25) Isophorone	7.67	82	1626412	37.117	ng		99
26) 2-Nitrophenol	7.75	139	437117	48.091	ng		95
27) 2,4-Dimethylphenol	7.78	122	749281	39.867	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1028551	39.695	ng		99
29) 2,4-Dichlorophenol	7.99	162	697649	40.399	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	742158	38.861	ng		99
31) Naphthalene	8.15	128	2362728	39.109	ng		100
32) Benzoic acid	7.90	122	566113	46.826	ng		98
33) 4-Chloroaniline	8.20	127	488733	17.655	ng		97
34) Hexachlorobutadiene	8.27	225	421713	39.466	ng		98
35) Caprolactam	8.56	113	222482m	39.365	ng		
36) 4-Chloro-3-methylphenol	8.68	107	753762	39.936	ng		99
37) 2-Methylnaphthalene	8.85	142	1633325	41.195	ng		99
38) 1-Methylnaphthalene	8.95	142	1524611	40.626	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	694410	38.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	892068	87.440	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	529674	41.245	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	541603	37.648	ng		94
46) 1,1'-Biphenyl	9.31	154	1931906	38.743	ng		100
47) 2-Chloronaphthalene	9.33	162	1512951	38.735	ng		99
48) 2-Nitroaniline	9.43	65	543147	40.288	ng		98
49) Acenaphthylene	9.75	152	2390284	38.970	ng		100
50) Dimethylphthalate	9.62	163	1771100	40.726	ng		100
51) 2,6-Dinitrotoluene	9.67	165	398806	42.784	ng	#	80
52) Acenaphthene	9.93	154	1660149	43.416	ng		98
53) 3-Nitroaniline	9.84	138	268029	22.776	ng		97
54) 2,4-Dinitrophenol	9.95	184	411875	100.106	ng		96
55) Dibenzofuran	10.10	168	2143080	39.090	ng		99
56) 4-Nitrophenol	10.00	139	724842	78.079	ng		90
57) 2,4-Dinitrotoluene	10.07	165	530777	45.202	ng	#	88
58) Fluorene	10.44	166	1641956	40.501	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	466986	43.427	ng		99
60) Diethylphthalate	10.32	149	1854036	42.006	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	802680	40.487	ng		98
62) 4-Nitroaniline	10.46	138	430311	38.132	ng		98
63) Azobenzene	10.59	77	1796692	40.423	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	274300	54.189	ng		92
66) n-Nitrosodiphenylamine	10.55	169	1536473	38.771	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	531446	38.656	ng		99
68) Hexachlorobenzene	10.99	284	567628	40.341	ng		97
69) Atrazine	11.08	200	479949	44.176	ng		99
70) Pentachlorophenol	11.18	266	665569	80.670	ng		99
71) Phenanthrene	11.40	178	2420481	38.669	ng		99
72) Anthracene	11.46	178	2482805	39.027	ng		99
73) Carbazole	11.61	167	2347715	37.284	ng		99
74) Di-n-butylphthalate	11.94	149	2937150	43.604	ng		98
75) Fluoranthene	12.59	202	2710826	40.017	ng		99
77) Benzidine	12.72	184	1492178	38.080	ng		98
78) Pyrene	12.82	202	2735547	35.999	ng		100
80) Butylbenzylphthalate	13.44	149	1349373	43.904	ng		100
81) Benzo(a)anthracene	14.02	228	2249874	37.366	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	584345	24.613	ng		97
83) Chrysene	14.05	228	2388654	38.439	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1798484	49.087	ng		99
85) Di-n-octyl phthalate	14.62	149	3258659	50.572	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2303942	39.367	ng		98
88) Benzo(b)fluoranthene	15.06	252	2394755	37.908	ng		100
89) Benzo(k)fluoranthene	15.10	252	2385071	39.650	ng		98
90) Benzo(a)pyrene	15.43	252	2163415	37.683	ng	#	96
91) Dibenzo(a,h)anthracene	16.98	278	1934621	38.527	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1862367	36.917	ng		96

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

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