Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117803.D
Acq On : 15 Nov 2019 15:23
Operator : JU
Sample : PB124835BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:00 PM

Quant Time: Nov 18 02:40:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	245090	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1020125	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	538228	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1006161	20.00	ng		0.00
76) Chrysene-d12	14.12	240	688836	20.00	ng		0.00
87) Perylene-d12	15.62	264	534082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1550868	112.01	ng		0.01
7) Phenol-d6	6.55	99	1905371	114.09	ng		0.00
23) Nitrobenzene-d5	7.49	82	1037333	60.45	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	603357	105.89	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2024439	67.48	ng		0.00
79) Terphenyl-d14	13.06	244	2195392	58.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	234301	36.202	ng		100
3) Pyridine	3.56	79	544658	32.081	ng		99
4) n-Nitrosodimethylamine	3.52	42	295776	39.910	ng		100
6) Aniline	6.58	93	714106	32.358	ng		99
8) 2-Chlorophenol	6.71	128	648573	43.169	ng		97
9) Benzaldehyde	6.47	77	374285	32.872	ng		98
10) Phenol	6.56	94	745005	42.929	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	579442	41.578	ng		97
12) 1,3-Dichlorobenzene	6.86	146	703076	39.749	ng		97
13) 1,4-Dichlorobenzene	6.94	146	718269	40.174	ng		99
14) 1,2-Dichlorobenzene	7.09	146	680331	39.787	ng		99
15) Benzyl Alcohol	7.06	79	536412	41.603	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	834890	38.911	ng		98
17) 2-Methylphenol	7.17	107	548727	43.128	ng		100
18) Hexachloroethane	7.44	117	260414	39.649	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	421049	40.867	ng		98
20) 3+4-Methylphenols	7.32	107	666534	42.202	ng	#	83
22) Acetophenone	7.33	105	864252	37.709	ng		99
24) Nitrobenzene	7.50	77	687970	38.861	ng		98
25) Isophorone	7.75	82	1208681	38.428	ng		99
26) 2-Nitrophenol	7.82	139	355324	41.236	ng		97
27) 2,4-Dimethylphenol	7.85	122	626662	46.803	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	730594	36.605	ng		99
29) 2,4-Dichlorophenol	8.06	162	557993	38.420	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	617622	36.662	ng		97
31) Naphthalene	8.23	128	1882443	39.583	ng		100
32) Benzoic acid	7.96	122	428223	38.196	ng		98
33) 4-Chloroaniline	8.27	127	519748	24.412	ng		99
34) Hexachlorobutadiene	8.35	225	345446	35.072	ng		100
35) Caprolactam	8.64	113	186462m	40.396	ng		
36) 4-Chloro-3-methylphenol	8.76	107	586664	39.802	ng		100
37) 2-Methylnaphthalene	8.93	142	1285613	40.009	ng		98
38) 1-Methylnaphthalene	9.03	142	1204268	39.642	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	566091	36.217	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	631712	72.118	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	415711	37.132	ng	99
44) 2,4,5-Trichlorophenol	9.24	196	448624	38.594	ng	98
46) 1,1'-Biphenyl	9.39	154	1537399	38.501	ng	99
47) 2-Chloronaphthalene	9.42	162	1232592	37.522	ng	99
48) 2-Nitroaniline	9.51	65	370607	37.369	ng	92
49) Acenaphthylene	9.83	152	1915372	39.992	ng	99
50) Dimethylphthalate	9.69	163	1387066	36.750	ng	99
51) 2,6-Dinitrotoluene	9.75	165	325272	39.432	ng	93
52) Acenaphthene	10.01	154	1271333	41.438	ng	99
53) 3-Nitroaniline	9.92	138	265110	26.859	ng	92
54) 2,4-Dinitrophenol	10.03	184	293982	70.322	ng	97
55) Dibenzofuran	10.18	168	1657454	39.013	ng	100
56) 4-Nitrophenol	10.08	139	594588	80.704	ng	89
57) 2,4-Dinitrotoluene	10.16	165	429704	40.951	ng	95
58) Fluorene	10.53	166	1251350	38.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	376122	39.380	ng	100
60) Diethylphthalate	10.39	149	1368268	37.184	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	629722	37.690	ng	96
62) 4-Nitroaniline	10.54	138	350269	35.442	ng	99
63) Azobenzene	10.67	77	1283405	38.337	ng	99
65) 4,6-Dinitro-2-methylphenol	10.56	198	203821	43.393	ng	81
66) n-Nitrosodiphenylamine	10.63	169	1138989	38.897	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	401207	36.956	ng	96
68) Hexachlorobenzene	11.07	284	461971	36.493	ng	96
69) Atrazine	11.16	200	388681	40.351	ng	99
70) Pentachlorophenol	11.27	266	558377	75.499	ng	100
71) Phenanthrene	11.49	178	1940373	38.358	ng	100
72) Anthracene	11.54	178	1968283	39.244	ng	100
73) Carbazole	11.69	167	1782575	40.672	ng	99
74) Di-n-butylphthalate	12.03	149	2012438	36.878	ng	99
75) Fluoranthene	12.68	202	1983762	42.675	ng	98
77) Benzidine	12.80	184	641159	28.416	ng	100
78) Pyrene	12.92	202	1974155	35.463	ng	100
80) Butylbenzylphthalate	13.53	149	839423	35.108	ng	93
81) Benzo(a)anthracene	14.10	228	1672195	36.736	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	534792	33.587	ng	99
83) Chrysene	14.14	228	1624763	36.836	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1055532	36.414	ng	99
85) Di-n-octyl phthalate	14.71	149	1678307	39.411	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1364050	36.336	ng	100
88) Benzo(b)fluoranthene	15.17	252	1530577	44.110	ng	100
89) Benzo(k)fluoranthene	15.21	252	1361484	41.642	ng	99
90) Benzo(a)pyrene	15.56	252	1253516	41.082	ng	100
91) Dibenzo(a,h)anthracene	17.17	278	1137125	43.298	ng	99
92) Benzo(g,h,i)perylene	17.62	276	1155285	44.165	ng	99

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

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