Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118145.D
Acq On : 9 Dec 2019 15:27
Operator : JU
Sample : PB125313BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125313BS

Manual Integrations APPROVED
mohammad
12/10/2019 11:50:14 AM

Quant Time: Dec 10 01:04:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	208220	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	938933	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	497588	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	898577	20.00	ng		0.00
76) Chrysene-d12	14.07	240	587996	20.00	ng		0.00
87) Perylene-d12	15.56	264	353921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1340058	112.72	ng		0.02
7) Phenol-d6	6.52	99	1661315	115.54	ng		0.02
23) Nitrobenzene-d5	7.44	82	864702	51.81	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	604074	99.93	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1769527	54.11	ng		0.00
79) Terphenyl-d14	13.00	244	1938546	56.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	123268	24.591	ng		99
3) Pyridine	3.51	79	288939	22.342	ng		99
4) n-Nitrosodimethylamine	3.45	42	195414	35.124	ng		99
6) Aniline	6.54	93	458436	24.924	ng		100
8) 2-Chlorophenol	6.66	128	561295	41.872	ng		97
9) Benzaldehyde	6.42	77	67573	4.306	ng		98
10) Phenol	6.53	94	641653	39.129	ng		86
11) bis(2-Chloroethyl)ether	6.61	93	489184	41.246	ng		97
12) 1,3-Dichlorobenzene	6.81	146	525193	33.538	ng		98
13) 1,4-Dichlorobenzene	6.89	146	544444	34.527	ng		99
14) 1,2-Dichlorobenzene	7.05	146	531829	35.914	ng		99
15) Benzyl Alcohol	7.02	79	477565	42.547	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	553330	38.802	ng		94
17) 2-Methylphenol	7.13	107	455056	42.681	ng		95
18) Hexachloroethane	7.38	117	199268	34.296	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	362162	41.448	ng		99
20) 3+4-Methylphenols	7.29	107	556790	41.576	ng	#	89
22) Acetophenone	7.29	105	753647	33.410	ng		98
24) Nitrobenzene	7.46	77	556818	33.957	ng		98
25) Isophorone	7.70	82	1017571	35.966	ng		98
26) 2-Nitrophenol	7.77	139	317442	36.220	ng		96
27) 2,4-Dimethylphenol	7.82	122	501681	42.913	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	621630	33.624	ng		99
29) 2,4-Dichlorophenol	8.02	162	478609	35.118	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	508601	31.933	ng		98
31) Naphthalene	8.18	128	1600587	33.943	ng		99
32) Benzoic acid	7.97	122	391009	37.043	ng		96
33) 4-Chloroaniline	8.23	127	423221	20.786	ng		100
34) Hexachlorobutadiene	8.29	225	296515	31.046	ng		98
35) Caprolactam	8.62	113	160248m	38.128	ng		
36) 4-Chloro-3-methylphenol	8.72	107	511502	35.664	ng		99
37) 2-Methylnaphthalene	8.87	142	1111396	34.813	ng		99
38) 1-Methylnaphthalene	8.97	142	1033698	34.485	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	491540	32.609	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	331409	49.070	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	353695	35.143	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	372365	35.711	ng		99
46) 1,1'-Biphenyl	9.34	154	1337770	34.088	ng		98
47) 2-Chloronaphthalene	9.37	162	1035602	32.805	ng		97
48) 2-Nitroaniline	9.46	65	296588	32.945	ng		97
49) Acenaphthylene	9.79	152	1587138	34.087	ng		99
50) Dimethylphthalate	9.65	163	1263256	34.371	ng		99
51) 2,6-Dinitrotoluene	9.71	165	279249	34.941	ng		99
52) Acenaphthene	9.96	154	939002	33.041	ng		98
53) 3-Nitroaniline	9.88	138	225924	24.021	ng		99
54) 2,4-Dinitrophenol	9.99	184	300049	75.463	ng		97
55) Dibenzofuran	10.13	168	1415213	33.985	ng		99
56) 4-Nitrophenol	10.06	139	449406	68.852	ng		93
57) 2,4-Dinitrotoluene	10.12	165	370116	34.697	ng		95
58) Fluorene	10.47	166	1114111	33.666	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307921	35.794	ng		98
60) Diethylphthalate	10.35	149	1251736	34.567	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	558290	33.529	ng		97
62) 4-Nitroaniline	10.50	138	274763	28.010	ng		97
63) Azobenzene	10.63	77	1061048	34.324	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	196933	39.685	ng		89
66) n-Nitrosodiphenylamine	10.59	169	1003363	35.756	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	359040	35.003	ng	#	90
68) Hexachlorobenzene	11.03	284	407299	33.736	ng	#	91
69) Atrazine	11.12	200	295230	37.196	ng		97
70) Pentachlorophenol	11.22	266	437897	77.126	ng		99
71) Phenanthrene	11.44	178	1651297	34.570	ng		99
72) Anthracene	11.49	178	1652645	34.682	ng		98
73) Carbazole	11.65	167	1452148	33.965	ng		99
74) Di-n-butylphthalate	11.97	149	1891711	35.354	ng		99
75) Fluoranthene	12.63	202	1645939	33.702	ng		98
77) Benzidine	12.75	184	69754	4.506	ng		99
78) Pyrene	12.86	202	1623551	35.038	ng		100
80) Butylbenzylphthalate	13.47	149	745053	35.504	ng		99
81) Benzo(a)anthracene	14.06	228	1335291	32.842	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	389394	29.162	ng		100
83) Chrysene	14.10	228	1252981	32.262	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1019677	36.850	ng		100
85) Di-n-octyl phthalate	14.65	149	1505827	35.924	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1051218	32.169	ng		100
88) Benzo(b)fluoranthene	15.12	252	1109298	47.391	ng		97
89) Benzo(k)fluoranthene	15.15	252	1031543	45.874	ng		99
90) Benzo(a)pyrene	15.50	252	911308	44.082	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	899625	50.736	ng		100
92) Benzo(g,h,i)perylene	17.53	276	898641	52.741	ng		100

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

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