Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114976.D
Acq On : 12 Jun 2019 15:57
Operator : HP/JU
Sample : PB120267BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120267BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:24 AM

Quant Time: Jun 13 03:17:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	287288	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1136286	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	551169	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1078699	20.00	ng		0.00
76) Chrysene-d12	13.78	240	613313	20.00	ng		0.00
87) Perylene-d12	15.16	264	661166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2079899	120.89	ng		0.02
7) Phenol-d6	6.30	99	2630633	126.75	ng		0.00
23) Nitrobenzene-d5	7.22	82	1674733	88.72	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	753903	127.73	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	3096495	95.22	ng		0.00
79) Terphenyl-d14	12.74	244	3033027	93.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	293953	36.500	ng		99
3) Pyridine	3.06	79	842230	37.146	ng		99
4) n-Nitrosodimethylamine	3.00	42	329801	40.970	ng		100
6) Aniline	6.32	93	592711	21.325	ng	#	1
8) 2-Chlorophenol	6.44	128	837136	42.910	ng		98
9) Benzaldehyde	6.19	77	239615	15.691	ng		97
10) Phenol	6.32	94	922904	39.746	ng		80
11) bis(2-Chloroethyl)ether	6.39	93	755976	41.946	ng		99
12) 1,3-Dichlorobenzene	6.59	146	903191	39.636	ng		98
13) 1,4-Dichlorobenzene	6.66	146	925344	40.392	ng		99
14) 1,2-Dichlorobenzene	6.82	146	840598	38.974	ng		99
15) Benzyl Alcohol	6.80	79	645679	41.523	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	1001180	41.505	ng		99
17) 2-Methylphenol	6.92	107	710101	43.638	ng		97
18) Hexachloroethane	7.16	117	332652	40.208	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	530926	42.104	ng		97
20) 3+4-Methylphenols	7.07	107	830595	42.888	ng		96
22) Acetophenone	7.06	105	1148067	44.634	ng		97
24) Nitrobenzene	7.23	77	845461	44.018	ng		94
25) Isophorone	7.47	82	1584907	44.826	ng		99
26) 2-Nitrophenol	7.55	139	493109	46.060	ng		98
27) 2,4-Dimethylphenol	7.60	122	768088	49.734	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	981061	43.249	ng		99
29) 2,4-Dichlorophenol	7.80	162	742543	45.512	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	816818	43.328	ng		98
31) Naphthalene	7.95	128	2428141	45.164	ng		99
32) Benzoic acid	7.75	122	528691	47.313	ng		95
33) 4-Chloroaniline	8.00	127	345186	13.909	ng		98
34) Hexachlorobutadiene	8.08	225	436303	41.638	ng		99
35) Caprolactam	8.39	113	270489m	49.777	ng		
36) 4-Chloro-3-methylphenol	8.50	107	764045	46.470	ng		98
37) 2-Methylnaphthalene	8.65	142	1650552	46.030	ng		100
38) 1-Methylnaphthalene	8.75	142	1560005	46.030	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	703395	43.197	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	749479	93.406	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	550759	45.284	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	547074	44.510	ng		98
46) 1,1'-Biphenyl	9.11	154	1912650	43.304	ng		99
47) 2-Chloronaphthalene	9.13	162	1534639	42.968	ng		100
48) 2-Nitroaniline	9.23	65	442833	41.948	ng		98
49) Acenaphthylene	9.55	152	2387983	43.486	ng		99
50) Dimethylphthalate	9.42	163	1791911	43.231	ng		100
51) 2,6-Dinitrotoluene	9.47	165	425802	45.286	ng	#	84
52) Acenaphthene	9.72	154	1394289	44.379	ng		98
53) 3-Nitroaniline	9.63	138	249956	21.698	ng		100
54) 2,4-Dinitrophenol	9.75	184	463053	101.533	ng		95
55) Dibenzofuran	9.89	168	2032847	42.932	ng		99
56) 4-Nitrophenol	9.82	139	687017	86.481	ng		98
57) 2,4-Dinitrotoluene	9.87	165	547321	45.734	ng		93
58) Fluorene	10.23	166	1469762	46.807	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	446800	45.003	ng		98
60) Diethylphthalate	10.12	149	1724837	43.520	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	705222	45.099	ng		100
62) 4-Nitroaniline	10.25	138	462069	39.893	ng		99
63) Azobenzene	10.38	77	1531585	44.172	ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	274819	45.455	ng		85
66) n-Nitrosodiphenylamine	10.35	169	1423645	44.152	ng		100
67) 4-Bromophenyl-phenylether	10.70	248	495045	42.742	ng	#	92
68) Hexachlorobenzene	10.77	284	536819	42.100	ng		97
69) Atrazine	10.87	200	469060	45.119	ng		98
70) Pentachlorophenol	10.97	266	597650	86.306	ng		99
71) Phenanthrene	11.18	178	2320195	41.659	ng		100
72) Anthracene	11.23	178	2376780	42.301	ng		99
73) Carbazole	11.39	167	2162381	44.093	ng		100
74) Di-n-butylphthalate	11.73	149	2514816	40.676	ng		100
75) Fluoranthene	12.36	202	2392745	42.014	ng		100
77) Benzidine	12.48	184	538404	21.704	ng		97
78) Pyrene	12.59	202	2418920	43.294	ng		100
80) Butylbenzylphthalate	13.22	149	1163527	44.586	ng		100
81) Benzo(a)anthracene	13.77	228	2018705	43.985	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	462294	26.273	ng		99
83) Chrysene	13.81	228	2037546	44.645	ng		100
84) Bis(2-ethylhexyl)phthalate	13.78	149	1354363	43.911	ng		99
85) Di-n-octyl phthalate	14.39	149	2509811	47.254	ng		100
86) Indeno(1,2,3-cd)pyrene	16.47	276	1763736	43.995	ng		99
88) Benzo(b)fluoranthene	14.78	252	1913630	43.539	ng		99
89) Benzo(k)fluoranthene	14.81	252	1827215	47.364	ng		98
90) Benzo(a)pyrene	15.11	252	1748592	46.105	ng		98
91) Dibenzo(a,h)anthracene	16.49	278	1454599	44.536	ng		98
92) Benzo(g,h,i)perylene	16.86	276	1495045	44.883	ng		98

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

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