Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116474.D
Acq On : 23 Aug 2019 12:31
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:29 AM

Quant Time: Aug 23 13:49:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 12:15:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132841	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	552661	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	286983	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	504018	20.00	ng	0.00
76) Chrysene-d12	14.04	240	342246	20.00	ng	0.00
87) Perylene-d12	15.50	264	333107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1284428	161.86	ng	0.00
7) Phenol-d6	6.52	99	1610082	160.82	ng	0.02
23) Nitrobenzene-d5	7.46	82	1545291	161.40	ng	0.02
42) 2,4,6-Tribromophenol	10.71	330	399679	143.65	ng	0.01
45) 2-Fluorobiphenyl	9.25	172	2450615	159.95	ng	0.00
79) Terphenyl-d14	12.99	244	2644203	162.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	294370	73.431	ng	99
3) Pyridine	3.43	79	892165	79.670	ng	99
4) n-Nitrosodimethylamine	3.40	42	343520	77.733	ng	99
6) Aniline	6.56	93	1109162	77.358	ng	99
8) 2-Chlorophenol	6.67	128	676956	77.148	ng	96
9) Benzaldehyde	6.43	77	500015	72.383	ng	98
10) Phenol	6.53	94	918062	77.869	ng	90
11) bis(2-Chloroethyl)ether	6.63	93	685698	79.107	ng	100
12) 1,3-Dichlorobenzene	6.83	146	764193	75.357	ng	95
13) 1,4-Dichlorobenzene	6.90	146	772922	76.121	ng	99
14) 1,2-Dichlorobenzene	7.06	146	694118	74.241	ng	98
15) Benzyl Alcohol	7.03	79	657487	86.536	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	927886	78.481	ng	99
17) 2-Methylphenol	7.13	107	597849	80.464	ng	98
18) Hexachloroethane	7.40	117	296621	79.344	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	548398	88.394	ng	97
20) 3+4-Methylphenols	7.29	107	695158	79.062	ng	92
22) Acetophenone	7.30	105	988410	81.548	ng	95
24) Nitrobenzene	7.47	77	787414	76.166	ng	99
25) Isophorone	7.72	82	1472202	80.415	ng	97
26) 2-Nitrophenol	7.78	139	338655	69.494	ng	98
27) 2,4-Dimethylphenol	7.82	122	583072	79.528	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	889538	78.392	ng	99
29) 2,4-Dichlorophenol	8.02	162	566749	73.212	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	645620	73.164	ng	99
31) Naphthalene	8.19	128	1934697	74.391	ng	99
33) 4-Chloroaniline	8.23	127	868179	74.713	ng	97
34) Hexachlorobutadiene	8.32	225	360439	70.915	ng	99
35) Caprolactam	8.63	113	200011m	79.886	ng	
36) 4-Chloro-3-methylphenol	8.72	107	630901	78.341	ng	98
37) 2-Methylnaphthalene	8.88	142	1273178	74.334	ng	97
38) 1-Methylnaphthalene	8.98	142	1205917	74.423	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	568141	74.052	ng	100
41) Hexachlorocyclopentadiene	9.04	237	326034	108.718	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	413451	78.292	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	418307	76.629	ng		97
46) 1,1'-Biphenyl	9.35	154	1606861	79.308	ng		98
47) 2-Chloronaphthalene	9.37	162	1266183	75.086	ng		97
48) 2-Nitroaniline	9.46	65	433444	77.764	ng		94
49) Acenaphthylene	9.79	152	1871791	76.084	ng		98
50) Dimethylphthalate	9.65	163	1487367	76.118	ng		99
51) 2,6-Dinitrotoluene	9.70	165	327304	77.077	ng		97
52) Acenaphthene	9.96	154	1224720	81.146	ng		99
53) 3-Nitroaniline	9.87	138	381499	72.708	ng		97
54) 2,4-Dinitrophenol	9.97	184	132405	73.428	ng	#	1
55) Dibenzofuran	10.13	168	1681381	76.605	ng		96
56) 4-Nitrophenol	10.02	139	301920	89.824	ng		99
57) 2,4-Dinitrotoluene	10.10	165	435441	77.017	ng		98
58) Fluorene	10.47	166	1269211	75.160	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	353974	77.075	ng		99
60) Diethylphthalate	10.35	149	1490664	81.710	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	622385	72.773	ng		99
62) 4-Nitroaniline	10.49	138	392053	72.301	ng		99
63) Azobenzene	10.62	77	1496229	79.738	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	180384	67.535	ng		94
66) n-Nitrosodiphenylamine	10.58	169	1174496	77.420	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	400703	74.266	ng		98
68) Hexachlorobenzene	11.02	284	436116	69.901	ng		98
69) Atrazine	11.10	200	381948	76.531	ng		98
70) Pentachlorophenol	11.20	266	271227	89.542	ng		99
71) Phenanthrene	11.43	178	1978186	76.774	ng		99
72) Anthracene	11.48	178	1989835	76.307	ng		99
73) Carbazole	11.63	167	1782096	75.327	ng		98
74) Di-n-butylphthalate	11.96	149	2241176	81.207	ng		98
75) Fluoranthene	12.62	202	2011301	74.562	ng		97
77) Benzidine	12.73	184	930649	80.488	ng	#	95
78) Pyrene	12.85	202	2040115	79.077	ng		98
80) Butylbenzylphthalate	13.46	149	960410	88.005	ng		89
81) Benzo(a)anthracene	14.03	228	1627229	74.387	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	580542	76.389	ng		98
83) Chrysene	14.07	228	1696470	79.881	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1201794	84.744	ng		99
85) Di-n-octyl phthalate	14.64	149	2098201	93.149	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1337108	74.962	ng		99
88) Benzo(b)fluoranthene	15.09	252	1728770	89.757	ng		99
89) Benzo(k)fluoranthene	15.12	252	1335994	71.215	ng		100
90) Benzo(a)pyrene	15.45	252	1399670	81.293	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1107867	74.335	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1027434	70.195	ng		99

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

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