Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115949.D
Acq On : 2 Aug 2019 16:29
Operator : HP/JU
Sample : PB121932BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121932BS

Manual Integrations APPROVED
mohammad
8/8/2019 4:44:17 PM

Quant Time: Aug 03 00:04:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	593195	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	316799	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	540709	20.00	ng	0.00
76) Chrysene-d12	14.03	240	388743	20.00	ng	0.00
87) Perylene-d12	15.49	264	332465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	997613	116.79	ng	0.02
7) Phenol-d6	6.49	99	1258146	116.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	833453	81.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	350128	113.99	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1419347	83.92	ng	0.00
79) Terphenyl-d14	12.97	244	1530596	82.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	175875	40.756	ng	100
3) Pyridine	3.46	79	450875	37.403	ng	98
4) n-Nitrosodimethylamine	3.41	42	204672	43.024	ng	98
6) Aniline	6.52	93	505313	32.739	ng	95
8) 2-Chlorophenol	6.65	128	432710	45.810	ng	98
9) Benzaldehyde	6.40	77	240602	32.356	ng	99
10) Phenol	6.50	94	551198	43.431	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	417925	44.790	ng	100
12) 1,3-Dichlorobenzene	6.79	146	468399	42.908	ng	97
13) 1,4-Dichlorobenzene	6.87	146	472301	43.210	ng	99
14) 1,2-Dichlorobenzene	7.02	146	435094	43.231	ng	98
15) Benzyl Alcohol	7.00	79	372326	45.523	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	553342	43.477	ng	95
17) 2-Methylphenol	7.11	107	368629	46.089	ng	99
18) Hexachloroethane	7.36	117	175305	43.562	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	296657	44.420	ng	100
20) 3+4-Methylphenols	7.26	107	434717	45.930	ng	89
22) Acetophenone	7.26	105	588145	45.209	ng	97
24) Nitrobenzene	7.43	77	489598	44.123	ng	99
25) Isophorone	7.67	82	870249	44.287	ng	100
26) 2-Nitrophenol	7.75	139	240098	45.903	ng	100
27) 2,4-Dimethylphenol	7.79	122	388761	49.402	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	527274	43.292	ng	99
29) 2,4-Dichlorophenol	8.00	162	379265	45.645	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	405037	42.764	ng	99
31) Naphthalene	8.16	128	1245775	44.628	ng	99
32) Benzoic acid	7.94	122	258946	46.673	ng	100
33) 4-Chloroaniline	8.20	127	315018	25.257	ng	100
34) Hexachlorobutadiene	8.27	225	229149	42.003	ng	100
35) Caprolactam	8.59	113	112783m	41.968	ng	
36) 4-Chloro-3-methylphenol	8.70	107	394720	45.664	ng	99
37) 2-Methylnaphthalene	8.85	142	843824	45.900	ng	99
38) 1-Methylnaphthalene	8.95	142	780980	44.904	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	380552	44.933	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	247392	66.172	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	250638	42.994	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	268606	44.574	ng		99
46) 1,1'-Biphenyl	9.32	154	1003874	44.884	ng		99
47) 2-Chloronaphthalene	9.35	162	796902	42.810	ng		99
48) 2-Nitroaniline	9.44	65	254465	41.356	ng		91
49) Acenaphthylene	9.76	152	1216266	44.785	ng		99
50) Dimethylphthalate	9.62	163	929733	43.102	ng		99
51) 2,6-Dinitrotoluene	9.68	165	207721	44.313	ng		87
52) Acenaphthene	9.93	154	720363	43.237	ng		100
53) 3-Nitroaniline	9.85	138	171457	29.602	ng		90
54) 2,4-Dinitrophenol	9.97	184	183591	77.296	ng		92
55) Dibenzofuran	10.10	168	1074942	44.366	ng		97
56) 4-Nitrophenol	10.03	139	328396	88.505	ng		99
57) 2,4-Dinitrotoluene	10.09	165	271569	43.512	ng		99
58) Fluorene	10.45	166	829328	44.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	223845	44.153	ng		98
60) Diethylphthalate	10.32	149	874312	43.414	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	411012	43.535	ng		99
62) 4-Nitroaniline	10.47	138	232662	38.869	ng		97
63) Azobenzene	10.60	77	918896	44.361	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	131951	46.050	ng		96
66) n-Nitrosodiphenylamine	10.56	169	736758	45.270	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	255631	44.164	ng		92
68) Hexachlorobenzene	11.00	284	286285	42.772	ng		98
69) Atrazine	11.08	200	234159	43.735	ng		97
70) Pentachlorophenol	11.20	266	280610	86.354	ng		98
71) Phenanthrene	11.41	178	1213304	43.893	ng		99
72) Anthracene	11.46	178	1248990	44.646	ng		99
73) Carbazole	11.62	167	1127833	44.437	ng		99
74) Di-n-butylphthalate	11.94	149	1339844	45.254	ng		100
75) Fluoranthene	12.60	202	1261026	43.576	ng		99
77) Benzidine	12.72	184	486925	37.075	ng		97
78) Pyrene	12.83	202	1282544	43.767	ng		100
80) Butylbenzylphthalate	13.44	149	561968	45.336	ng		97
81) Benzo(a)anthracene	14.02	228	1086103	43.712	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	335695	38.888	ng		98
83) Chrysene	14.06	228	1063474	44.086	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	761326	47.263	ng		99
85) Di-n-octyl phthalate	14.61	149	1233912	48.227	ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	841171	41.518	ng		98
88) Benzo(b)fluoranthene	15.07	252	965991	50.250	ng		97
89) Benzo(k)fluoranthene	15.10	252	940821	50.247	ng		100
90) Benzo(a)pyrene	15.44	252	886293	51.576	ng		100
91) Dibenzo(a,h)anthracene	16.99	278	714808	48.055	ng		99
92) Benzo(g,h,i)perylene	17.42	276	684548	46.859	ng		99

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

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