Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118373.D
Acq On : 28 Dec 2019 18:58
Operator : JU
Sample : K6438-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF001-01MSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:46 PM

Quant Time: Dec 29 07:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119505	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	463638	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	253809	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	494439	20.00	ng		0.00
76) Chrysene-d12	14.05	240	368654	20.00	ng		0.00
87) Perylene-d12	15.54	264	353479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	877128	125.29	ng		0.01
7) Phenol-d6	6.49	99	1119537	128.91	ng		0.00
23) Nitrobenzene-d5	7.42	82	664967	82.03	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	402416	128.39	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1368858	82.33	ng		0.00
79) Terphenyl-d14	12.99	244	1810638	81.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	111834	40.183	ng		97
3) Pyridine	3.39	79	266090	35.886	ng		96
4) n-Nitrosodimethylamine	3.34	42	132381	43.181	ng		96
6) Aniline	6.52	93	330192	29.941	ng	#	90
8) 2-Chlorophenol	6.64	128	381567	48.123	ng		95
9) Benzaldehyde	6.40	77	210982	41.436	ng		98
10) Phenol	6.51	94	479213	49.093	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	322633	46.216	ng		100
12) 1,3-Dichlorobenzene	6.79	146	407029	44.573	ng		99
13) 1,4-Dichlorobenzene	6.87	146	410216	44.226	ng		96
14) 1,2-Dichlorobenzene	7.02	146	393565	44.943	ng		99
15) Benzyl Alcohol	7.00	79	310555	46.964	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	336916	45.228	ng		92
17) 2-Methylphenol	7.12	107	306488	48.193	ng		96
18) Hexachloroethane	7.36	117	152165	44.699	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	244638	45.725	ng		98
20) 3+4-Methylphenols	7.27	107	391003	48.039	ng		93
22) Acetophenone	7.26	105	508705	44.768	ng	#	96
24) Nitrobenzene	7.44	77	367002	45.196	ng		96
25) Isophorone	7.68	82	679172	48.074	ng		99
26) 2-Nitrophenol	7.76	139	212506	49.408	ng		99
27) 2,4-Dimethylphenol	7.79	122	330225	56.272	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	424581	45.953	ng		99
29) 2,4-Dichlorophenol	8.00	162	321436	47.589	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	355770	45.216	ng		97
31) Naphthalene	8.16	128	1105841	46.927	ng		100
32) Benzoic acid	7.94	122	202498	41.708	ng		90
33) 4-Chloroaniline	8.22	127	151165	14.964	ng		96
34) Hexachlorobutadiene	8.27	225	208781	44.577	ng		98
35) Caprolactam	8.59	113	109308m	51.836	ng		
36) 4-Chloro-3-methylphenol	8.71	107	347846	47.966	ng		99
37) 2-Methylnaphthalene	8.86	142	780316	48.364	ng		98
38) 1-Methylnaphthalene	8.96	142	725915	47.756	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	341956	44.842	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	267127	82.823 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	233217	45.777 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	242477	46.267 ng	99
46) 1,1'-Biphenyl	9.32	154	928489	46.251 ng	100
47) 2-Chloronaphthalene	9.35	162	722019	44.688 ng	99
48) 2-Nitroaniline	9.45	65	200349	43.901 ng	90
49) Acenaphthylene	9.76	152	1149606	47.975 ng	98
50) Dimethylphthalate	9.62	163	943804	49.539 ng	99
51) 2,6-Dinitrotoluene	9.69	165	198361	48.293 ng	91
52) Acenaphthene	9.94	154	671829	46.029 ng	98
53) 3-Nitroaniline	9.86	138	99580	20.656 ng	94
54) 2,4-Dinitrophenol	9.98	184	181787	87.274 ng	97
55) Dibenzofuran	10.11	168	1005732	46.634 ng	96
56) 4-Nitrophenol	10.04	139	282445	94.903 ng	95
57) 2,4-Dinitrotoluene	10.10	165	266925	48.634 ng	93
58) Fluorene	10.46	166	822545	47.246 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	209093	46.955 ng	99
60) Diethylphthalate	10.32	149	911308	48.350 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	412499	47.463 ng	95
62) 4-Nitroaniline	10.49	138	211996	42.330 ng	96
63) Azobenzene	10.60	77	774960	48.002 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	136514	51.180 ng	91
66) n-Nitrosodiphenylamine	10.56	169	739174	46.645 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	261562	45.203 ng	96
68) Hexachlorobenzene	11.01	284	295837	43.435 ng	93
69) Atrazine	11.10	200	262160	53.603 ng	96
70) Pentachlorophenol	11.21	266	255330	86.560 ng	99
71) Phenanthrene	11.42	178	1237545	45.913 ng	99
72) Anthracene	11.47	178	1294286	47.973 ng	99
73) Carbazole	11.63	167	1129572	47.183 ng	98
74) Di-n-butylphthalate	11.95	149	1523429	50.187 ng	100
75) Fluoranthene	12.62	202	1327126	48.786 ng	96
77) Benzidine	12.74	184	696768	68.978 ng	98
78) Pyrene	12.85	202	1326720	44.070 ng	100
80) Butylbenzylphthalate	13.46	149	644685	47.561 ng	96
81) Benzo(a)anthracene	14.04	228	1198935	46.462 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	279524	31.948 ng	99
83) Chrysene	14.08	228	1118972	45.287 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	947395	53.154 ng	99
85) Di-n-octyl phthalate	14.63	149	1516685	57.849 ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1065062	50.589 ng	100
88) Benzo(b)fluoranthene	15.10	252	1106102	47.141 ng	98
89) Benzo(k)fluoranthene	15.13	252	971551	43.124 ng	99
90) Benzo(a)pyrene	15.48	252	928410	44.916 ng	99
91) Dibenzo(a,h)anthracene	17.07	278	901614	50.266 ng	97
92) Benzo(g,h,i)perylene	17.52	276	875023	50.501 ng	98

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

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