Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114615.D
Acq On : 25 May 2019 20:16
Operator : JU/SJ
Sample : PB119956BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119956BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:15 AM

Quant Time: May 27 00:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141992	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	530598	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	246637	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	481248	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	348964	20.00	ng		-0.02
87) Perylene-d12	15.43	264	327926	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1125366	127.54	ng		0.00
7) Phenol-d6	6.45	99	1412390	135.34	ng		-0.01
23) Nitrobenzene-d5	7.37	82	850839	89.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	336319	131.90	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1541793	94.56	ng		-0.02
79) Terphenyl-d14	12.90	244	1540096	90.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	209169	43.129	ng		98
3) Pyridine	3.36	79	401977	30.083	ng		98
4) n-Nitrosodimethylamine	3.31	42	216838	33.651	ng		97
6) Aniline	6.47	93	411028	27.266	ng	#	58
8) 2-Chlorophenol	6.59	128	407358	43.246	ng		96
9) Benzaldehyde	6.35	77	195725	26.790	ng		96
10) Phenol	6.46	94	495059	40.326	ng		86
11) bis(2-Chloroethyl)ether	6.53	93	389074	41.746	ng		99
12) 1,3-Dichlorobenzene	6.74	146	428438	40.520	ng		98
13) 1,4-Dichlorobenzene	6.82	146	435985	40.920	ng		98
14) 1,2-Dichlorobenzene	6.97	146	404070	41.511	ng		98
15) Benzyl Alcohol	6.95	79	317297	38.984	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	685468	37.932	ng		58
17) 2-Methylphenol	7.07	107	318815	41.203	ng	#	89
18) Hexachloroethane	7.31	117	158947	39.743	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	272573	41.207	ng		98
20) 3+4-Methylphenols	7.22	107	420339	47.018	ng	#	69
22) Acetophenone	7.21	105	547114	46.545	ng	#	89
24) Nitrobenzene	7.39	77	421691	43.791	ng		97
25) Isophorone	7.62	82	761690	43.439	ng		98
26) 2-Nitrophenol	7.70	139	218636	46.797	ng		99
27) 2,4-Dimethylphenol	7.75	122	350956	47.829	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	481475	42.319	ng		98
29) 2,4-Dichlorophenol	7.95	162	335512	45.919	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	354979	42.724	ng		99
31) Naphthalene	8.10	128	1148523	46.339	ng		97
32) Benzoic acid	7.90	122	191300m	38.236	ng		
33) 4-Chloroaniline	8.16	127	298882	26.463	ng		98
34) Hexachlorobutadiene	8.22	225	198993	42.093	ng		99
35) Caprolactam	8.53	113	108012m	45.336	ng		
36) 4-Chloro-3-methylphenol	8.66	107	346232	47.076	ng		97
37) 2-Methylnaphthalene	8.80	142	764403	47.802	ng		98
38) 1-Methylnaphthalene	8.90	142	725284	48.162	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	350490	46.912	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	149659	44.997	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	209968	40.859	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	218043	41.373	ng		96
46) 1,1'-Biphenyl	9.26	154	926017	46.475	ng		98
47) 2-Chloronaphthalene	9.29	162	709419	44.241	ng		98
48) 2-Nitroaniline	9.39	65	231494	40.706	ng		97
49) Acenaphthylene	9.70	152	1111643	45.580	ng		98
50) Dimethylphthalate	9.56	163	780045	43.083	ng		99
51) 2,6-Dinitrotoluene	9.63	165	175870	43.795	ng		98
52) Acenaphthene	9.87	154	658843	44.023	ng		99
53) 3-Nitroaniline	9.80	138	135731	27.228	ng		93
54) 2,4-Dinitrophenol	9.93	184	140907	70.643	ng		92
55) Dibenzofuran	10.05	168	951695	43.366	ng		98
56) 4-Nitrophenol	9.99	139	175458	49.771	ng		99
57) 2,4-Dinitrotoluene	10.04	165	219732	40.313	ng	#	78
58) Fluorene	10.39	166	775123	45.727	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181339	39.878	ng		99
60) Diethylphthalate	10.26	149	787206	42.792	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	373283	44.836	ng		97
62) 4-Nitroaniline	10.42	138	189823	36.238	ng		96
63) Azobenzene	10.54	77	756593	42.489	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	101698	43.978	ng		89
66) n-Nitrosodiphenylamine	10.50	169	675811	46.269	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	231609	43.710	ng		95
68) Hexachlorobenzene	10.95	284	246042	41.973	ng	#	91
69) Atrazine	11.02	200	196390	43.207	ng		98
70) Pentachlorophenol	11.15	266	148950	53.603	ng		99
71) Phenanthrene	11.35	178	1085702	46.371	ng		98
72) Anthracene	11.40	178	1137305	48.362	ng		99
73) Carbazole	11.56	167	1050387	46.839	ng		99
74) Di-n-butylphthalate	11.88	149	1210861	46.868	ng		99
75) Fluoranthene	12.54	202	1175954	46.641	ng		99
77) Benzidine	12.66	184	583364	37.241	ng		97
78) Pyrene	12.77	202	1184577	42.197	ng		99
80) Butylbenzylphthalate	13.37	149	533049	45.113	ng		98
81) Benzo(a)anthracene	13.96	228	983704	43.583	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	285234	32.576	ng		99
83) Chrysene	14.00	228	999298	45.164	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	725985	46.978	ng		99
85) Di-n-octyl phthalate	14.54	149	1182550	47.205	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	883364	45.175	ng		99
88) Benzo(b)fluoranthene	15.00	252	1015542	48.339	ng		99
89) Benzo(k)fluoranthene	15.03	252	849319	44.009	ng		98
90) Benzo(a)pyrene	15.37	252	871939	47.159	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	744882	48.483	ng		99
92) Benzo(g,h,i)perylene	17.33	276	770533	50.045	ng		99

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

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