Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115195.D
Acq On : 25 Jun 2019 18:50
Operator : HP/JU
Sample : K3470-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-4MSD

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:34 PM

Quant Time: Jun 26 07:11:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273395	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	988365	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	400189	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	662779	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	554318	20.00	ng		-0.02
87) Perylene-d12	15.09	264	672582	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1475227	83.27	ng		0.01
7) Phenol-d6	6.25	99	1860220	86.51	ng		0.00
23) Nitrobenzene-d5	7.17	82	1097494	68.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	344610	81.66	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	1749299	74.25	ng		-0.01
79) Terphenyl-d14	12.69	244	1544794	59.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	192267	22.995	ng		100
3) Pyridine	2.91	79	484819	20.573	ng		99
4) n-Nitrosodimethylamine	2.85	42	223650	24.208	ng		96
6) Aniline	6.27	93	297367	10.062	ng	#	1
8) 2-Chlorophenol	6.40	128	531442	26.677	ng		99
9) Benzaldehyde	6.15	77	353646	25.208	ng		97
10) Phenol	6.27	94	628553	24.954	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	486099	26.180	ng		98
12) 1,3-Dichlorobenzene	6.55	146	585198	26.469	ng		98
13) 1,4-Dichlorobenzene	6.63	146	595315	26.852	ng		98
14) 1,2-Dichlorobenzene	6.78	146	551379	26.856	ng		98
15) Benzyl Alcohol	6.75	79	364943	23.307	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	669719	24.869	ng		94
17) 2-Methylphenol	6.87	107	465301	28.297	ng		98
18) Hexachloroethane	7.12	117	203749	25.492	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	331064	24.048	ng		98
20) 3+4-Methylphenols	7.02	107	505613	26.630	ng		91
22) Acetophenone	7.02	105	696519	30.783	ng	#	96
24) Nitrobenzene	7.19	77	514064	29.042	ng		100
25) Isophorone	7.44	82	890205	27.047	ng		99
26) 2-Nitrophenol	7.51	139	274606	31.415	ng		98
27) 2,4-Dimethylphenol	7.55	122	446579	31.203	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	576482	27.712	ng		99
29) 2,4-Dichlorophenol	7.75	162	404367	27.378	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	478918	29.355	ng		99
31) Naphthalene	7.91	128	1456641	30.024	ng		99
32) Benzoic acid	7.61	122	115293m	11.285	ng		
33) 4-Chloroaniline	7.96	127	233199	10.517	ng		100
34) Hexachlorobutadiene	8.04	225	258893	28.957	ng		98
35) Caprolactam	8.32	113	102041m	20.549	ng		
36) 4-Chloro-3-methylphenol	8.45	107	381344	25.494	ng		98
37) 2-Methylnaphthalene	8.60	142	933300	28.531	ng		98
38) 1-Methylnaphthalene	8.70	142	872126	27.915	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	394755	34.907	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	311766	46.493	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	244883	28.049	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	261618	29.098	ng		96
46) 1,1'-Biphenyl	9.07	154	1057709	33.032	ng		99
47) 2-Chloronaphthalene	9.09	162	823842	31.718	ng		99
48) 2-Nitroaniline	9.18	65	218528	28.858	ng		96
49) Acenaphthylene	9.50	152	1240516	30.654	ng		99
50) Dimethylphthalate	9.37	163	1280671	43.497	ng		99
51) 2,6-Dinitrotoluene	9.42	165	195418	28.749	ng		93
52) Acenaphthene	9.67	154	771421	30.463	ng		99
53) 3-Nitroaniline	9.58	138	142810	17.216	ng		99
54) 2,4-Dinitrophenol	9.69	184	93464	31.612	ng		95
55) Dibenzofuran	9.84	168	1055297	29.035	ng		97
56) 4-Nitrophenol	9.75	139	303860	45.692	ng		96
57) 2,4-Dinitrotoluene	9.82	165	241866	27.557	ng		92
58) Fluorene	10.18	166	742165	28.213	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	184059	24.414	ng		98
60) Diethylphthalate	10.07	149	797364	26.942	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	360360	28.904	ng		97
62) 4-Nitroaniline	10.19	138	192110	23.086	ng		98
63) Azobenzene	10.34	77	737602	26.682	ng		97
65) 4,6-Dinitro-2-methylphenol	10.22	198	79446	25.160	ng		96
66) n-Nitrosodiphenylamine	10.30	169	667005	32.302	ng		100
67) 4-Bromophenyl-phenylether	10.67	248	222264	30.931	ng		94
68) Hexachlorobenzene	10.72	284	240030	30.774	ng		93
69) Atrazine	10.82	200	186299	28.047	ng		99
70) Pentachlorophenol	10.92	266	271861	54.711	ng		99
71) Phenanthrene	11.13	178	1075664	30.143	ng		98
72) Anthracene	11.18	178	1103625	30.638	ng		100
73) Carbazole	11.34	167	969348	30.136	ng		99
74) Di-n-butylphthalate	11.69	149	1096667	29.504	ng		99
75) Fluoranthene	12.31	202	1114898	31.313	ng		96
77) Benzidine	12.44	184	330102	13.411	ng	#	94
78) Pyrene	12.54	202	1150864	27.016	ng		100
80) Butylbenzylphthalate	13.17	149	503046	26.758	ng		96
81) Benzo(a)anthracene	13.72	228	1105172	27.786	ng		99
82) 3,3'-Dichlorobenzidine	13.68	252	274055	19.080	ng		99
83) Chrysene	13.75	228	1055905	28.981	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	689572	27.993	ng		100
85) Di-n-octyl phthalate	14.35	149	1250825	30.222	ng		100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1187299	27.540	ng		99
88) Benzo(b)fluoranthene	14.72	252	1216433	28.985	ng		100
89) Benzo(k)fluoranthene	14.74	252	1103730	29.327	ng		98
90) Benzo(a)pyrene	15.04	252	1155510	30.548	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1007999	28.545	ng		97
92) Benzo(g,h,i)perylene	16.74	276	955011	26.721	ng		98

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

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