Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114704.D
Acq On : 31 May 2019 13:25
Operator : HP/JU
Sample : K2971-15MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:24 AM

Quant Time: Jun 01 00:47:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	306806	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1180512	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	590780	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1179707	20.00	ng		0.00
76) Chrysene-d12	13.83	240	757781	20.00	ng		0.01
87) Perylene-d12	15.23	264	836575	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2176854	124.57	ng		0.02
7) Phenol-d6	6.34	99	2711103	128.75	ng		0.01
23) Nitrobenzene-d5	7.26	82	1673666	88.45	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	776795	137.99	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2947991	95.76	ng		0.00
79) Terphenyl-d14	12.78	244	3370451	83.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	298096	35.547	ng		97
3) Pyridine	3.07	79	817677	33.504	ng		98
4) n-Nitrosodimethylamine	3.00	42	362284	36.682	ng		93
6) Aniline	6.36	93	350156	11.009	ng	#	74
8) 2-Chlorophenol	6.49	128	870697	43.145	ng		97
9) Benzaldehyde	6.24	77	450951	37.606	ng		95
10) Phenol	6.35	94	998701	39.260	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	788256	40.511	ng		94
12) 1,3-Dichlorobenzene	6.64	146	925743	40.263	ng		99
13) 1,4-Dichlorobenzene	6.72	146	939929	40.750	ng		99
14) 1,2-Dichlorobenzene	6.87	146	883312	42.063	ng		100
15) Benzyl Alcohol	6.84	79	710990	42.924	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1098449	36.807	ng		99
17) 2-Methylphenol	6.96	107	710956	41.652	ng		99
18) Hexachloroethane	7.21	117	341525	39.107	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	557396	38.348	ng		99
20) 3+4-Methylphenols	7.11	107	826017	41.146	ng		91
22) Acetophenone	7.10	105	1116686	44.396	ng	#	98
24) Nitrobenzene	7.27	77	866172	43.093	ng		96
25) Isophorone	7.52	82	1572578	41.412	ng		98
26) 2-Nitrophenol	7.59	139	468873	47.923	ng		99
27) 2,4-Dimethylphenol	7.64	122	748103	45.975	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	997911	41.282	ng		100
29) 2,4-Dichlorophenol	7.83	162	748660	45.202	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	816399	43.265	ng		99
31) Naphthalene	8.00	128	2391410	43.979	ng		99
32) Benzoic acid	7.69	122	36002m	3.406	ng		
33) 4-Chloroaniline	8.04	127	175583	6.778	ng		98
34) Hexachlorobutadiene	8.13	225	438728	41.853	ng		98
35) Caprolactam	8.41	113	235019m	42.048	ng		
36) 4-Chloro-3-methylphenol	8.53	107	768993	46.298	ng		99
37) 2-Methylnaphthalene	8.69	142	1669922	46.221	ng		99
38) 1-Methylnaphthalene	8.79	142	1567040	45.779	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	702934	44.679	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	786980	75.696	ng		100
43) 2,4,6-Trichlorophenol	8.97	196	532189	42.990	ng		98
44) 2,4,5-Trichlorophenol	9.00	196	562821	45.561	ng		99
46) 1,1'-Biphenyl	9.15	154	1934058	44.102	ng		99
47) 2-Chloronaphthalene	9.17	162	1575510	43.797	ng		99
48) 2-Nitroaniline	9.26	65	468495	42.202	ng		98
49) Acenaphthylene	9.59	152	2448377	44.056	ng		99
50) Dimethylphthalate	9.46	163	2108790	51.226	ng		100
51) 2,6-Dinitrotoluene	9.51	165	441286	46.133	ng		99
52) Acenaphthene	9.76	154	1533861	45.004	ng		100
53) 3-Nitroaniline	9.67	138	177119	15.129	ng		96
54) 2,4-Dinitrophenol	9.77	184	197476	52.338	ng	#	87
55) Dibenzofuran	9.93	168	2142679	44.165	ng		100
56) 4-Nitrophenol	9.84	139	739804	85.273	ng		94
57) 2,4-Dinitrotoluene	9.91	165	600134	48.885	ng		91
58) Fluorene	10.27	166	1518296	48.226	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	451736	44.676	ng		99
60) Diethylphthalate	10.15	149	1854864	44.116	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	754464	47.251	ng		100
62) 4-Nitroaniline	10.29	138	470530	41.245	ng		94
63) Azobenzene	10.42	77	1651656	42.787	ng		99
65) 4,6-Dinitro-2-methylphenol	10.32	198	175516	33.553	ng		83
66) n-Nitrosodiphenylamine	10.38	169	1538086	44.128	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	531051	41.978	ng		97
68) Hexachlorobenzene	10.82	284	578691	42.233	ng		92
69) Atrazine	10.91	200	525279	49.985	ng		99
70) Pentachlorophenol	11.01	266	536709	67.949	ng		98
71) Phenanthrene	11.22	178	2556868	42.488	ng		99
72) Anthracene	11.27	178	2567623	42.157	ng		99
73) Carbazole	11.43	167	2346525	43.837	ng		100
74) Di-n-butylphthalate	11.77	149	2763378	42.071	ng		98
75) Fluoranthene	12.40	202	2706719	43.437	ng		99
77) Benzidine	12.52	184	420775	13.485	ng	#	89
78) Pyrene	12.63	202	2717395	42.391	ng		99
80) Butylbenzylphthalate	13.26	149	1330645	41.304	ng		99
81) Benzo(a)anthracene	13.82	228	2338526	40.158	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	316578	14.077	ng	#	96
83) Chrysene	13.85	228	2325255	41.794	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	1677223	42.112	ng		99
85) Di-n-octyl phthalate	14.45	149	2911801	42.079	ng		97
86) Indeno(1,2,3-cd)pyrene	16.57	276	2342092	42.031	ng		99
88) Benzo(b)fluoranthene	14.84	252	2173474	41.250	ng		100
89) Benzo(k)fluoranthene	14.87	252	2069945	45.198	ng		99
90) Benzo(a)pyrene	15.18	252	2041525	44.105	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	1912102	46.747	ng		98
92) Benzo(g,h,i)perylene	16.97	276	2011067	50.658	ng		97

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

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