Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113955.D
Acq On : 24 Apr 2019 12:31
Operator : JU/SJ
Sample : K2515-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10MSD

Manual Integrations APPROVED
Sohil
4/25/2019 5:26:59 PM

Quant Time: Apr 25 05:19:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139867	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	516917	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	266870	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	516844	20.00	ng		0.00
76) Chrysene-d12	14.06	240	323282	20.00	ng		-0.01
87) Perylene-d12	15.54	264	354927	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	960654	117.47	ng		0.01
7) Phenol-d6	6.53	99	1252795	122.11	ng		0.01
23) Nitrobenzene-d5	7.46	82	765931	91.49	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	402057	123.67	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1500257	87.92	ng		0.00
79) Terphenyl-d14	13.00	244	1599310	101.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	136791	35.485	ng		95
3) Pyridine	3.50	79	358249	34.047	ng		98
4) n-Nitrosodimethylamine	3.44	42	139328	38.682	ng		99
6) Aniline	6.56	93	246604	17.504	ng		95
8) 2-Chlorophenol	6.69	128	382324	40.950	ng		97
9) Benzaldehyde	6.44	77	104976	13.558	ng		99
10) Phenol	6.55	94	478255	38.983	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	374328	40.546	ng		95
12) 1,3-Dichlorobenzene	6.84	146	431149	40.774	ng		100
13) 1,4-Dichlorobenzene	6.92	146	439895	41.361	ng		99
14) 1,2-Dichlorobenzene	7.07	146	411369	42.086	ng		100
15) Benzyl Alcohol	7.03	79	289942	41.960	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	429323	39.837	ng		90
17) 2-Methylphenol	7.15	107	355060	43.385	ng		98
18) Hexachloroethane	7.41	117	150909	40.477	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	268241	40.372	ng		99
20) 3+4-Methylphenols	7.30	107	404776	43.777	ng	#	80
22) Acetophenone	7.30	105	530128	46.086	ng	#	95
24) Nitrobenzene	7.47	77	418337	45.222	ng		99
25) Isophorone	7.72	82	741403	43.280	ng		100
26) 2-Nitrophenol	7.79	139	208592	49.427	ng		97
27) 2,4-Dimethylphenol	7.83	122	312004	45.377	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	470727	43.123	ng		99
29) 2,4-Dichlorophenol	8.03	162	354175	45.045	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	392309	44.748	ng		98
31) Naphthalene	8.20	128	1113101	45.328	ng		99
32) Benzoic acid	7.92	122	62556m	13.472	ng		
33) 4-Chloroaniline	8.24	127	98626	9.492	ng		96
34) Hexachlorobutadiene	8.32	225	235907	43.165	ng		99
35) Caprolactam	8.61	113	99190m	39.657	ng		
36) 4-Chloro-3-methylphenol	8.73	107	349484	44.864	ng		99
37) 2-Methylnaphthalene	8.89	142	755769	45.640	ng		99
38) 1-Methylnaphthalene	8.99	142	714689	44.717	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	382170	44.086	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	421328	87.158	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	255495	46.414	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	287904	46.630	ng		99
46) 1,1'-Biphenyl	9.36	154	934432	45.835	ng		98
47) 2-Chloronaphthalene	9.38	162	758404	45.745	ng		98
48) 2-Nitroaniline	9.47	65	209449	48.192	ng		93
49) Acenaphthylene	9.80	152	1157875	44.611	ng		99
50) Dimethylphthalate	9.66	163	985937	51.083	ng		98
51) 2,6-Dinitrotoluene	9.71	165	203046	49.037	ng		93
52) Acenaphthene	9.97	154	724171	47.212	ng		99
53) 3-Nitroaniline	9.87	138	79156	18.192	ng		96
54) 2,4-Dinitrophenol	9.99	184	111976	64.324	ng	#	2
55) Dibenzofuran	10.14	168	1050863	45.737	ng		98
56) 4-Nitrophenol	10.05	139	304848	88.487	ng		99
57) 2,4-Dinitrotoluene	10.12	165	267729	51.226	ng		97
58) Fluorene	10.48	166	784333	45.341	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237432	43.759	ng		98
60) Diethylphthalate	10.35	149	833514	45.477	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	414847	45.283	ng		98
62) 4-Nitroaniline	10.49	138	186281	43.871	ng		96
63) Azobenzene	10.63	77	779374	43.875	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	90837	39.815	ng		93
66) n-Nitrosodiphenylamine	10.59	169	713497	46.008	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	271249	43.444	ng		95
68) Hexachlorobenzene	11.03	284	302112	44.032	ng		99
69) Atrazine	11.12	200	237078	46.994	ng		99
70) Pentachlorophenol	11.23	266	284135	73.142	ng		97
71) Phenanthrene	11.44	178	1184908	45.618	ng		100
72) Anthracene	11.50	178	1207043	46.018	ng		99
73) Carbazole	11.64	167	1053003	44.998	ng		100
74) Di-n-butylphthalate	11.97	149	1248753	45.365	ng		99
75) Fluoranthene	12.63	202	1180479	41.656	ng		97
77) Benzidine	12.74	184	174146	18.079	ng		98
78) Pyrene	12.86	202	1155345	51.104	ng		99
80) Butylbenzylphthalate	13.47	149	468410	52.660	ng		94
81) Benzo(a)anthracene	14.04	228	894766	46.976	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	169355	24.258	ng	#	97
83) Chrysene	14.09	228	906700	48.878	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	605096	53.467	ng		100
85) Di-n-octyl phthalate	14.65	149	920147	51.945	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1200629	68.329	ng		98
88) Benzo(b)fluoranthene	15.11	252	924949	41.189	ng		100
89) Benzo(k)fluoranthene	15.14	252	896572	46.416	ng		99
90) Benzo(a)pyrene	15.48	252	908752	46.787	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	984076	53.972	ng		99
92) Benzo(g,h,i)perylene	17.49	276	1035316	56.267	ng		98

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

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