Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113688.D
Acq On : 10 Apr 2019 7:09
Operator : JU/SJ
Sample : K2294-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Manual Integrations APPROVED
Sohil
4/10/2019 6:20:44 PM

Quant Time: Apr 10 07:58:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	93268	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	343843	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	158720	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	292037	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	237456	20.00	ng		-0.02
87) Perylene-d12	15.23	264	242508	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	692982	126.70	ng		0.00
7) Phenol-d6	6.33	99	814083	120.76	ng		0.00
23) Nitrobenzene-d5	7.25	82	549485	93.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	263908	138.42	ng		-0.01
45) 2-Fluorobiphenyl	9.03	172	1038460	105.33	ng		-0.02
79) Terphenyl-d14	12.77	244	1000734	85.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	101538	39.196	ng		97
3) Pyridine	3.12	79	190034	28.031	ng		98
4) n-Nitrosodimethylamine	3.02	42	114243	39.662	ng		94
6) Aniline	6.35	93	72187	8.834	ng	#	30
8) 2-Chlorophenol	6.47	128	267818	42.322	ng		99
9) Benzaldehyde	6.23	77	108597	27.093	ng		98
10) Phenol	6.35	94	273536	35.528	ng	#	79
11) bis(2-Chloroethyl)ether	6.42	93	252557	42.170	ng		99
12) 1,3-Dichlorobenzene	6.62	146	264058	38.747	ng		99
13) 1,4-Dichlorobenzene	6.69	146	274157	39.810	ng		100
14) 1,2-Dichlorobenzene	6.85	146	258752	41.625	ng		97
15) Benzyl Alcohol	6.91	79	67643m	14.840	ng		
16) 2,2'-oxybis(1-Chloropropan	6.96	45	390439	41.883	ng		63
17) 2-Methylphenol	6.96	107	241923	49.331	ng	#	83
18) Hexachloroethane	7.19	117	88848	35.445	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	182518	43.907	ng		99
20) 3+4-Methylphenols	7.12	107	283301	47.677	ng		92
22) Acetophenone	7.09	105	359899	47.657	ng	#	96
24) Nitrobenzene	7.26	77	267668	44.277	ng		97
25) Isophorone	7.50	82	495428	43.812	ng		98
26) 2-Nitrophenol	7.58	139	137928	42.393	ng		99
27) 2,4-Dimethylphenol	7.63	122	231479	49.766	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	317521	44.414	ng		100
29) 2,4-Dichlorophenol	7.84	162	226202	45.453	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	237668	43.977	ng		98
31) Naphthalene	7.98	128	767731	46.082	ng		99
32) Benzoic acid	7.76	122	44835	12.448	ng		99
33) 4-Chloroaniline	8.05	127	53756	8.137	ng		97
34) Hexachlorobutadiene	8.10	225	139760	42.417	ng		99
35) Caprolactam	8.40	113	54645m	34.591	ng		
36) 4-Chloro-3-methylphenol	8.54	107	224187	44.875	ng		98
37) 2-Methylnaphthalene	8.67	142	514523	46.957	ng		98
38) 1-Methylnaphthalene	8.77	142	480704	45.497	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	246598	48.040	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	33108	28.716	ng		97
43) 2,4,6-Trichlorophenol	8.96	196	141690	43.729	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	166782	47.945	ng		98
46) 1,1'-Biphenyl	9.13	154	631674	48.229	ng		99
47) 2-Chloronaphthalene	9.16	162	468084	47.202	ng		97
48) 2-Nitroaniline	9.26	65	142401	46.930	ng		99
49) Acenaphthylene	9.57	152	744033	46.141	ng		99
50) Dimethylphthalate	9.43	163	546346	46.697	ng		99
51) 2,6-Dinitrotoluene	9.50	165	117470	45.549	ng		98
52) Acenaphthene	9.75	154	430943	46.686	ng		99
53) 3-Nitroaniline	9.67	138	45346	15.465	ng		92
54) 2,4-Dinitrophenol	9.82	184	23652	19.603	ng		92
55) Dibenzofuran	9.92	168	654924	48.368	ng		99
56) 4-Nitrophenol	9.87	139	74766	41.106	ng		92
57) 2,4-Dinitrotoluene	9.92	165	145751	46.729	ng	#	86
58) Fluorene	10.26	166	508942	47.523	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	153886	51.107	ng		90
60) Diethylphthalate	10.13	149	539961	47.868	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	259624	49.287	ng		96
62) 4-Nitroaniline	10.29	138	105410	35.353	ng		98
63) Azobenzene	10.41	77	490575	45.931	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	19931	12.964	ng		89
66) n-Nitrosodiphenylamine	10.37	169	457977	51.083	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	160313	48.946	ng		99
68) Hexachlorobenzene	10.81	284	176967	47.154	ng	#	94
69) Atrazine	10.90	200	140817	49.832	ng		96
70) Pentachlorophenol	11.03	266	88806	50.218	ng		95
71) Phenanthrene	11.22	178	701767	48.359	ng		99
72) Anthracene	11.27	178	725107	49.112	ng		99
73) Carbazole	11.43	167	664160	48.097	ng		98
74) Di-n-butylphthalate	11.75	149	825828	50.273	ng		100
75) Fluoranthene	12.40	202	714776	45.966	ng		100
77) Benzidine	12.53	184	52279	5.920	ng		96
78) Pyrene	12.63	202	716559	39.660	ng		99
80) Butylbenzylphthalate	13.24	149	312232	42.454	ng		98
81) Benzo(a)anthracene	13.82	228	612940	44.747	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	100882	19.121	ng		99
83) Chrysene	13.85	228	628630	45.272	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	429783	48.333	ng	#	97
85) Di-n-octyl phthalate	14.41	149	740592	51.237	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	595169	46.424	ng		98
88) Benzo(b)fluoranthene	14.83	252	709930	47.824	ng		99
89) Benzo(k)fluoranthene	14.86	252	607008	45.562	ng		99
90) Benzo(a)pyrene	15.17	252	622465	47.189	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	520039	42.158	ng		98
92) Benzo(g,h,i)perylene	17.00	276	479451	38.080	ng		99

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

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