Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113742.D
Acq On : 12 Apr 2019 17:00
Operator : JU/SJ
Sample : K2355-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SMS

Manual Integrations APPROVED
Sohil
4/15/2019 2:22:39 PM

Quant Time: Apr 15 03:19:36 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	110874	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	416248	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	200705	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	394618	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	269353	20.00	ng		-0.02
87) Perylene-d12	15.23	264	307146	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	683148	105.07	ng		0.00
7) Phenol-d6	6.33	99	766407	95.64	ng		0.00
23) Nitrobenzene-d5	7.24	82	582187	81.93	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	283297	117.50	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1068310	85.69	ng		-0.02
79) Terphenyl-d14	12.76	244	1114130	84.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	104634	33.978	ng		99
3) Pyridine	3.14	79	199916	24.806	ng		97
4) n-Nitrosodimethylamine	3.03	42	118468	34.598	ng		95
6) Aniline	6.36	93	60852	6.265	ng	#	44
8) 2-Chlorophenol	6.47	128	288063	38.292	ng		97
9) Benzaldehyde	6.23	77	118453	24.859	ng		99
10) Phenol	6.35	94	260302	28.440	ng	#	74
11) bis(2-Chloroethyl)ether	6.41	93	278619	39.134	ng		98
12) 1,3-Dichlorobenzene	6.62	146	311964	38.508	ng		97
13) 1,4-Dichlorobenzene	6.69	146	321202	39.235	ng		98
14) 1,2-Dichlorobenzene	6.85	146	298646	40.414	ng		97
15) Benzyl Alcohol	6.83	79	185186	34.176	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	432637	39.040	ng		70
17) 2-Methylphenol	6.96	107	230235	39.492	ng	#	89
18) Hexachloroethane	7.18	117	112693	37.819	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	203887	41.259	ng		98
20) 3+4-Methylphenols	7.12	107	287765	40.738	ng	#	90
22) Acetophenone	7.09	105	400151	43.770	ng		98
24) Nitrobenzene	7.26	77	299970	40.989	ng		100
25) Isophorone	7.50	82	545225	39.829	ng		100
26) 2-Nitrophenol	7.58	139	159416	40.475	ng		93
27) 2,4-Dimethylphenol	7.63	122	254565	45.209	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	347065	40.102	ng		99
29) 2,4-Dichlorophenol	7.85	162	255517	42.412	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	268832	41.090	ng		100
31) Naphthalene	7.97	128	853460	42.317	ng		99
32) Benzoic acid	7.77	122	74079	16.990	ng		98
33) 4-Chloroaniline	8.07	127	30145	3.770	ng		97
34) Hexachlorobutadiene	8.09	225	160093	40.136	ng		99
35) Caprolactam	8.41	113	48601m	25.413	ng		
36) 4-Chloro-3-methylphenol	8.54	107	245138	40.534	ng		98
37) 2-Methylnaphthalene	8.67	142	564490	42.556	ng		99
38) 1-Methylnaphthalene	8.76	142	536930	41.979	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	274211	42.245	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	129761	60.969	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	170398	41.588	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	173649	39.477	ng		99
46) 1,1'-Biphenyl	9.13	154	709885	42.862	ng		98
47) 2-Chloronaphthalene	9.16	162	527130	42.037	ng		98
48) 2-Nitroaniline	9.26	65	158125	41.210	ng		99
49) Acenaphthylene	9.57	152	834404	40.920	ng		99
50) Dimethylphthalate	9.43	163	598110	40.427	ng		100
51) 2,6-Dinitrotoluene	9.50	165	133445	40.919	ng		91
52) Acenaphthene	9.74	154	495956	42.490	ng		99
53) 3-Nitroaniline	9.68	138	36310	9.793	ng		90
54) 2,4-Dinitrophenol	9.80	184	82136	53.834	ng		89
55) Dibenzofuran	9.91	168	744498	43.482	ng		98
56) 4-Nitrophenol	9.88	139	62551m	27.196	ng		
57) 2,4-Dinitrotoluene	9.92	165	170719	43.284	ng		97
58) Fluorene	10.25	166	584290	43.146	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	166344	43.688	ng		93
60) Diethylphthalate	10.13	149	592086	41.509	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	289795	43.506	ng		91
62) 4-Nitroaniline	10.29	138	125568	33.304	ng		98
63) Azobenzene	10.40	77	549351	40.675	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	62423	30.047	ng		98
66) n-Nitrosodiphenylamine	10.36	169	516838	42.663	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	181848	41.088	ng		99
68) Hexachlorobenzene	10.80	284	209325	41.277	ng	#	93
69) Atrazine	10.90	200	154529	40.469	ng		97
70) Pentachlorophenol	11.01	266	125832	52.658	ng		97
71) Phenanthrene	11.21	178	820156	41.826	ng		99
72) Anthracene	11.26	178	870281	43.622	ng		100
73) Carbazole	11.43	167	792221	42.457	ng		99
74) Di-n-butylphthalate	11.75	149	920838	41.485	ng		100
75) Fluoranthene	12.40	202	860690	40.961	ng		99
77) Benzidine	12.54	184	39454	3.939	ng		94
78) Pyrene	12.62	202	846096	41.284	ng		99
80) Butylbenzylphthalate	13.24	149	343330	41.154	ng		94
81) Benzo(a)anthracene	13.81	228	614167	39.527	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	97808	16.343	ng		99
83) Chrysene	13.85	228	642888	40.816	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	445384	44.156	ng	#	98
85) Di-n-octyl phthalate	14.40	149	709088	43.248	ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	897922	61.745	ng		99
88) Benzo(b)fluoranthene	14.83	252	691389	36.774	ng		100
89) Benzo(k)fluoranthene	14.86	252	671232	39.780	ng		99
90) Benzo(a)pyrene	15.17	252	700567	41.933	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	754969	48.323	ng		99
92) Benzo(g,h,i)perylene	17.00	276	791665	49.645	ng		98

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

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