Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113743.D
Acq On : 12 Apr 2019 17:29
Operator : JU/SJ
Sample : K2355-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SMSD

Manual Integrations APPROVED
Sohil
4/15/2019 12:27:29 AM

Quant Time: Apr 13 02:17:35 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	102757	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	387828	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	187818	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	382264	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	286629	20.00	ng		-0.02
87) Perylene-d12	15.23	264	325541	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	677534	112.44	ng		0.00
7) Phenol-d6	6.33	99	761572	102.54	ng		0.00
23) Nitrobenzene-d5	7.25	82	560986	84.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	287721	127.53	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1029606	88.25	ng		-0.02
79) Terphenyl-d14	12.77	244	1188470	84.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	101168	35.447	ng		96
3) Pyridine	3.13	79	197220	26.405	ng		96
4) n-Nitrosodimethylamine	3.01	42	114262	36.005	ng		93
6) Aniline	6.36	93	61941	6.880	ng	#	40
8) 2-Chlorophenol	6.47	128	285876	41.004	ng		97
9) Benzaldehyde	6.23	77	116843	26.458	ng		99
10) Phenol	6.35	94	263383	31.050	ng	#	74
11) bis(2-Chloroethyl)ether	6.41	93	284690	43.145	ng		98
12) 1,3-Dichlorobenzene	6.62	146	306478	40.819	ng		97
13) 1,4-Dichlorobenzene	6.69	146	313360	41.300	ng		98
14) 1,2-Dichlorobenzene	6.85	146	292785	42.751	ng		97
15) Benzyl Alcohol	6.83	79	187494	37.336	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	428444	41.715	ng		75
17) 2-Methylphenol	6.96	107	232118	42.961	ng	#	86
18) Hexachloroethane	7.18	117	109315	39.583	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	201374	43.970	ng		99
20) 3+4-Methylphenols	7.12	107	286320	43.735	ng		90
22) Acetophenone	7.09	105	398718	46.809	ng	#	97
24) Nitrobenzene	7.26	77	298000	43.704	ng		99
25) Isophorone	7.50	82	537598	42.150	ng		99
26) 2-Nitrophenol	7.58	139	155200	42.292	ng		94
27) 2,4-Dimethylphenol	7.63	122	254884	48.583	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	345992	42.907	ng		100
29) 2,4-Dichlorophenol	7.85	162	253622	45.183	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	264505	43.392	ng		97
31) Naphthalene	7.97	128	851097	45.292	ng		99
32) Benzoic acid	7.78	122	86508	21.294	ng		97
33) 4-Chloroaniline	8.07	127	31825	4.271	ng		98
34) Hexachlorobutadiene	8.09	225	156879	42.213	ng		99
35) Caprolactam	8.41	113	50555m	28.372	ng		
36) 4-Chloro-3-methylphenol	8.54	107	246666	43.775	ng		98
37) 2-Methylnaphthalene	8.67	142	562555	45.518	ng		99
38) 1-Methylnaphthalene	8.77	142	536477	45.017	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	271649	44.722	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	130840	64.659	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	169860	44.301	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	173022	42.033	ng	99
46) 1,1'-Biphenyl	9.13	154	699859	45.157	ng	99
47) 2-Chloronaphthalene	9.16	162	523069	44.575	ng	98
48) 2-Nitroaniline	9.26	65	159500	44.421	ng	97
49) Acenaphthylene	9.57	152	841321	44.091	ng	99
50) Dimethylphthalate	9.43	163	604047	43.630	ng	99
51) 2,6-Dinitrotoluene	9.50	165	133859	43.863	ng	94
52) Acenaphthene	9.74	154	494272	45.251	ng	100
53) 3-Nitroaniline	9.69	138	28752	8.287	ng	98
54) 2,4-Dinitrophenol	9.80	184	89731	62.848	ng	90
55) Dibenzofuran	9.91	168	743073	46.376	ng	99
56) 4-Nitrophenol	9.88	139	66711	30.995	ng	91
57) 2,4-Dinitrotoluene	9.92	165	174266	47.215	ng	93
58) Fluorene	10.25	166	589219	46.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	163611	45.919	ng	98
60) Diethylphthalate	10.13	149	606814	45.460	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	292664	46.952	ng	93
62) 4-Nitroaniline	10.29	138	131575	37.292	ng	99
63) Azobenzene	10.40	77	556340	44.019	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	67659	33.620	ng	96
66) n-Nitrosodiphenylamine	10.36	169	527997	44.992	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	187204	43.665	ng	93
68) Hexachlorobenzene	10.81	284	214759	43.718	ng	98
69) Atrazine	10.90	200	160758	43.461	ng	96
70) Pentachlorophenol	11.01	266	130482	56.369	ng	98
71) Phenanthrene	11.21	178	843827	44.424	ng	99
72) Anthracene	11.26	178	900728	46.607	ng	100
73) Carbazole	11.43	167	834902	46.190	ng	99
74) Di-n-butylphthalate	11.74	149	962799	44.777	ng	100
75) Fluoranthene	12.40	202	923255	45.359	ng	99
77) Benzidine	12.53	184	141475	13.273	ng	97
78) Pyrene	12.63	202	917720	42.079	ng	99
80) Butylbenzylphthalate	13.24	149	391669	44.118	ng	96
81) Benzo(a)anthracene	13.81	228	709027	42.882	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	116139	18.237	ng	99
83) Chrysene	13.85	228	741427	44.235	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	518659	48.321	ng	99
85) Di-n-octyl phthalate	14.40	149	855095	49.010	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	993119	64.175	ng	99
88) Benzo(b)fluoranthene	14.83	252	759702	38.124	ng	99
89) Benzo(k)fluoranthene	14.86	252	783858	43.830	ng	100
90) Benzo(a)pyrene	15.17	252	794154	44.849	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	840381	50.751	ng	100
92) Benzo(g,h,i)perylene	17.00	276	873556	51.685	ng	98

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

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