Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114195.D
Acq On : 12 May 2019 16:30
Operator : JU/SJ
Sample : K2767-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS012-0002-01MSD

Manual Integrations APPROVED

Quant Time: May 13 08:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Sohil

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.86	152	326836	20.00	ng		0.00	
21) Naphthalene-d8	8.14	136	1223644	20.00	ng		0.00	
39) Acenaphthene-d10	9.89	164	564348	20.00	ng		0.00	
64) Phenanthrene-d10	11.38	188	957063	20.00	ng		0.01	5/13/2019 8:37:26 PM
76) Chrysene-d12	14.03	240	513621	20.00	ng		0.01	
87) Perylene-d12	15.51	264	680048	20.00	ng		0.00	
System Monitoring Compounds								
5) 2-Fluorophenol	5.49	112	1537826	75.72	ng		0.01	
7) Phenol-d6	6.50	99	2058135	85.68	ng		0.01	
23) Nitrobenzene-d5	7.42	82	1309835	60.07	ng		0.00	
42) 2,4,6-Tribromophenol	10.68	330	417425	71.55	ng		0.00	
45) 2-Fluorobiphenyl	9.21	172	2006619	53.78	ng		0.00	
79) Terphenyl-d14	12.96	244	1566869	62.89	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.65	88	258245	23.133	ng		97	
3) Pyridine	3.42	79	475246	15.451	ng		93	
4) n-Nitrosodimethylamine	3.34	42	364777	24.594	ng		91	
6) Aniline	6.52	93	108287	3.121	ng	#	1	
8) 2-Chlorophenol	6.65	128	624636	28.809	ng		91	
9) Benzaldehyde	6.40	77	262576	15.614	ng		99	
10) Phenol	6.52	94	755464	26.735	ng		87	
11) bis(2-Chloroethyl)ether	6.59	93	642977	29.972	ng		99	
12) 1,3-Dichlorobenzene	6.80	146	632928	26.006	ng		98	
13) 1,4-Dichlorobenzene	6.87	146	638918	26.052	ng		96	
14) 1,2-Dichlorobenzene	7.03	146	600890	26.818	ng		100	
15) Benzyl Alcohol	7.00	79	537667	28.699	ng		98	
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1131616	27.205	ng		81	
17) 2-Methylphenol	7.12	107	455335	25.565	ng		97	
18) Hexachloroethane	7.37	117	200751	21.807	ng		97	
19) n-Nitroso-di-n-propylamine	7.27	70	439852	28.889	ng		98	
20) 3+4-Methylphenols	7.27	107	583690	28.365	ng	#	71	
22) Acetophenone	7.26	105	862290	31.810	ng		92	
24) Nitrobenzene	7.43	77	682918	30.752	ng		100	
25) Isophorone	7.67	82	1224143	30.272	ng		98	
26) 2-Nitrophenol	7.75	139	341489	31.695	ng		98	
27) 2,4-Dimethylphenol	7.79	122	422813	24.986	ng		100	
28) bis(2-Chloroethoxy)methane	7.88	93	790066	30.112	ng		100	
29) 2,4-Dichlorophenol	8.00	162	510250	30.282	ng		99	
30) 1,2,4-Trichlorobenzene	8.08	180	522347	27.261	ng		98	
31) Naphthalene	8.16	128	2370120	41.466	ng		100	
32) Benzoic acid	7.91	122	287170	27.340	ng		99	
33) 4-Chloroaniline	8.21	127	96043	3.687	ng		96	
34) Hexachlorobutadiene	8.27	225	277026	25.410	ng		97	
35) Caprolactam	8.57	113	150942	27.472	ng		95	
36) 4-Chloro-3-methylphenol	8.69	107	522151	30.785	ng		99	
37) 2-Methylnaphthalene	8.85	142	1405085	38.101	ng		97	
38) 1-Methylnaphthalene	8.95	142	1247404	35.918	ng		99	
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	488503	28.575	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	59998	11.450	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	342243	29.106	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	355096	29.447	ng		96
46) 1,1'-Biphenyl	9.31	154	1444478	31.683	ng		99
47) 2-Chloronaphthalene	9.34	162	1002083	27.311	ng		97
48) 2-Nitroaniline	9.43	65	354283	27.226	ng		96
49) Acenaphthylene	9.76	152	2963127	53.097	ng		98
50) Dimethylphthalate	9.61	163	1483160	35.801	ng		99
51) 2,6-Dinitrotoluene	9.67	165	267925	29.158	ng		91
52) Acenaphthene	9.92	154	942525	27.523	ng		99
53) 3-Nitroaniline	9.84	138	104585	9.169	ng		99
54) 2,4-Dinitrophenol	9.96	184	121928	30.909	ng		94
55) Dibenzofuran	10.10	168	1389095	27.663	ng		95
56) 4-Nitrophenol	10.02	139	360900	44.740	ng		95
57) 2,4-Dinitrotoluene	10.08	165	335176	26.874	ng		94
58) Fluorene	10.44	166	1355565	34.949	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	276203	26.545	ng	#	98
60) Diethylphthalate	10.31	149	1149476	27.307	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	512098	26.882	ng		99
62) 4-Nitroaniline	10.45	138	159712	13.325	ng		95
63) Azobenzene	10.59	77	1062925	26.087	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	86360	18.779	ng		90
66) n-Nitrosodiphenylamine	10.55	169	943531	32.483	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	317546	30.134	ng		99
68) Hexachlorobenzene	11.00	284	313863	26.924	ng	#	91
69) Atrazine	11.08	200	280892	31.074	ng		99
70) Pentachlorophenol	11.19	266	279484	50.575	ng		98
71) Phenanthrene	11.42	178	6274785	134.761	ng		94
72) Anthracene	11.46	178	2047835	43.787	ng		99
73) Carbazole	11.61	167	1272428	28.531	ng		99
74) Di-n-butylphthalate	11.93	149	1609791	31.331	ng		98
75) Fluoranthene	12.61	202	6349868	126.639	ng		92
78) Pyrene	12.77	202	558634	13.520	ng		98
80) Butylbenzylphthalate	13.43	149	621295	35.725	ng		97
81) Benzo(a)anthracene	14.02	228	4689257	141.154	ng	#	82
83) Chrysene	14.07	228	4655462	142.956	ng		93
84) Bis(2-ethylhexyl)phthalate	13.99	149	911566	40.077	ng		99
85) Di-n-octyl phthalate	14.60	149	1418849	38.481	ng		100
86) Indeno(1,2,3-cd)pyrene	17.01	276	2888898	100.375	ng		98
88) Benzo(b)fluoranthene	15.09	252	5367728m	123.204	ng		
89) Benzo(k)fluoranthene	15.12	252	2095130m	52.350	ng		
90) Benzo(a)pyrene	15.46	252	4305791	112.296	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	1293336	40.592	ng		99
92) Benzo(g,h,i)perylene	17.46	276	2966297	92.900	ng		97

5/13/2019 8:37:26 PM

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

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