Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112962.D
Acq On : 11 Mar 2019 18:43
Operator : JU/SJ
Sample : K1785-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD2-0.0-0.5MSD

Manual Integrations APPROVED
Sohil
3/12/2019 4:28:43 PM

Quant Time: Mar 12 05:14:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	152279	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	596035	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	325360	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	764851	20.00	ng		0.00
76) Chrysene-d12	13.87	240	524962	20.00	ng		0.00
87) Perylene-d12	15.27	264	532888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	988334	100.96	ng		0.00
7) Phenol-d6	6.37	99	1311104	106.62	ng		0.00
23) Nitrobenzene-d5	7.29	82	784437	78.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	421897	122.14	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1207289	56.22	ng		-0.01
79) Terphenyl-d14	12.82	244	1539593	56.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	150196	30.608	ng		97
3) Pyridine	3.12	79	331286	25.234	ng		97
4) n-Nitrosodimethylamine	3.03	42	174030	30.303	ng		98
6) Aniline	6.39	93	276563	16.339	ng	#	5
8) 2-Chlorophenol	6.52	128	387019	35.515	ng		95
9) Benzaldehyde	6.27	77	170665	19.261	ng		97
10) Phenol	6.38	94	517573	36.068	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	369188	33.519	ng		97
12) 1,3-Dichlorobenzene	6.67	146	402092	35.719	ng		98
13) 1,4-Dichlorobenzene	6.75	146	408685	36.201	ng		98
14) 1,2-Dichlorobenzene	6.90	146	385707	37.269	ng		98
15) Benzyl Alcohol	6.87	79	332611	35.471	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	600672	32.679	ng		97
17) 2-Methylphenol	6.99	107	320245	36.225	ng		97
18) Hexachloroethane	7.25	117	147573	34.125	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	260324	33.425	ng		99
20) 3+4-Methylphenols	7.15	107	383928	38.467	ng	#	83
22) Acetophenone	7.14	105	522131	37.464	ng	#	94
24) Nitrobenzene	7.31	77	412264	37.186	ng		98
25) Isophorone	7.55	82	767762	35.778	ng		100
26) 2-Nitrophenol	7.63	139	211360	45.798	ng		97
27) 2,4-Dimethylphenol	7.67	122	351969	40.994	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	473879	35.321	ng		99
29) 2,4-Dichlorophenol	7.87	162	343341	41.237	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	344760	38.537	ng		98
31) Naphthalene	8.03	128	1116443	37.728	ng		100
32) Benzoic acid	7.78	122	225347	37.448	ng		91
33) 4-Chloroaniline	8.08	127	133747	10.671	ng		99
34) Hexachlorobutadiene	8.16	225	197148	39.075	ng		98
35) Caprolactam	8.44	113	123927m	42.260	ng		
36) 4-Chloro-3-methylphenol	8.57	107	377180	40.934	ng		95
37) 2-Methylnaphthalene	8.73	142	765133	40.038	ng		99
38) 1-Methylnaphthalene	8.82	142	715026	38.626	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	346365	36.506	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	325995	62.745	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	265830	40.710	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	291921	41.361	ng		98
46) 1,1'-Biphenyl	9.19	154	944130	35.576	ng		100
47) 2-Chloronaphthalene	9.21	162	734733	35.457	ng		98
48) 2-Nitroaniline	9.30	65	260969	41.433	ng		97
49) Acenaphthylene	9.63	152	1236381	35.146	ng		99
50) Dimethylphthalate	9.49	163	1037411	43.243	ng		99
51) 2,6-Dinitrotoluene	9.55	165	213579	42.752	ng		88
52) Acenaphthene	9.80	154	714070	34.710	ng		98
53) 3-Nitroaniline	9.71	138	165823	27.240	ng		91
54) 2,4-Dinitrophenol	9.82	184	190371	92.098	ng		92
55) Dibenzofuran	9.97	168	1112147	37.196	ng		97
56) 4-Nitrophenol	9.89	139	420812	85.058	ng		94
57) 2,4-Dinitrotoluene	9.95	165	294897	47.488	ng		87
58) Fluorene	10.31	166	835941	39.392	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	267452	45.483	ng		94
60) Diethylphthalate	10.19	149	957961	37.808	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	408966	41.420	ng		92
62) 4-Nitroaniline	10.33	138	249332	44.325	ng		92
63) Azobenzene	10.46	77	887958	34.215	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131270	42.369	ng		86
66) n-Nitrosodiphenylamine	10.42	169	800531	32.635	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	282007	35.005	ng	#	91
68) Hexachlorobenzene	10.86	284	329088	36.238	ng	#	87
69) Atrazine	10.95	200	277346	36.917	ng		98
70) Pentachlorophenol	11.05	266	406971	76.139	ng		98
71) Phenanthrene	11.27	178	1397414	36.722	ng		99
72) Anthracene	11.32	178	1452255	36.457	ng		100
73) Carbazole	11.47	167	1443175	37.139	ng		99
74) Di-n-butylphthalate	11.81	149	1673890	35.925	ng		100
75) Fluoranthene	12.45	202	1634545	40.091	ng		96
77) Benzidine	12.57	184	511492	18.780	ng		98
78) Pyrene	12.67	202	1646068	37.195	ng		100
80) Butylbenzylphthalate	13.30	149	748142	38.298	ng		89
81) Benzo(a)anthracene	13.86	228	1175915	32.320	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	324954	23.615	ng	#	98
83) Chrysene	13.89	228	1237571	34.726	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	902907	39.406	ng		99
85) Di-n-octyl phthalate	14.46	149	1617270	41.105	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1233386	40.595	ng		95
88) Benzo(b)fluoranthene	14.87	252	1146021	33.248	ng		98
89) Benzo(k)fluoranthene	14.90	252	1080693	34.613	ng		97
90) Benzo(a)pyrene	15.22	252	1083742	35.546	ng		97
91) Dibenzo(a,h)anthracene	16.65	278	1027957	39.512	ng		97
92) Benzo(g,h,i)perylene	17.04	276	989380	37.873	ng		97

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

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