Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112122.D
Acq On : 18 Jan 2019 12:52
Operator : JU/SJ
Sample : K1157-13MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Manual Integrations APPROVED
Sohil
1/21/2019 12:00:41 PM

Quant Time: Jan 19 01:27:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	313776	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1185750	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	570171	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	953876	20.00	ng		0.00
76) Chrysene-d12	14.03	240	635103	20.00	ng		0.00
87) Perylene-d12	15.50	264	663891	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2284124	132.13	ng		0.01
7) Phenol-d6	6.52	99	2862782	132.36	ng		0.00
23) Nitrobenzene-d5	7.43	82	1877267	109.38	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	787847	128.09	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3194916	82.15	ng		0.00
79) Terphenyl-d14	12.97	244	2504755	83.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	306658	37.822	ng		99
3) Pyridine	3.45	79	810825	39.929	ng		99
4) n-Nitrosodimethylamine	3.40	42	414405	50.261	ng		97
6) Aniline	6.53	93	398496	15.148	ng	#	1
8) 2-Chlorophenol	6.66	128	941563	46.896	ng		100
9) Benzaldehyde	6.40	77	251067	17.419	ng		99
10) Phenol	6.53	94	1090420	46.129	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	856157	45.551	ng		99
12) 1,3-Dichlorobenzene	6.80	146	1026687	44.808	ng		98
13) 1,4-Dichlorobenzene	6.87	146	1036104	44.207	ng		99
14) 1,2-Dichlorobenzene	7.03	146	963232	44.616	ng		98
15) Benzyl Alcohol	7.00	79	772020	47.908	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145593	42.266	ng		74
17) 2-Methylphenol	7.13	107	734303	48.699	ng	#	92
18) Hexachloroethane	7.37	117	361693	46.237	ng		100
19) n-Nitroso-di-n-propylamine	7.27	70	619142	46.988	ng		99
20) 3+4-Methylphenols	7.27	107	920941	50.374	ng	#	84
22) Acetophenone	7.27	105	1209872	44.042	ng		98
24) Nitrobenzene	7.45	77	952309	52.356	ng		94
25) Isophorone	7.68	82	1706433	51.476	ng		98
26) 2-Nitrophenol	7.76	139	517623	54.529	ng		95
27) 2,4-Dimethylphenol	7.80	122	815247	52.980	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1100942	48.416	ng		100
29) 2,4-Dichlorophenol	8.01	162	824679	49.060	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	892592	45.756	ng		99
31) Naphthalene	8.16	128	2589774	48.020	ng		99
32) Benzoic acid	7.93	122	328007	46.767	ng		94
33) 4-Chloroaniline	8.21	127	222228	9.169	ng		99
34) Hexachlorobutadiene	8.28	225	470043	43.298	ng		99
35) Caprolactam	8.59	113	253290m	43.052	ng		
36) 4-Chloro-3-methylphenol	8.71	107	795287	48.440	ng		100
37) 2-Methylnaphthalene	8.86	142	1820719	49.716	ng		98
38) 1-Methylnaphthalene	8.96	142	1724912	49.009	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	849456	46.396	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	448191	63.107	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	576784	52.661	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	597164	51.191	ng		99
46) 1,1'-Biphenyl	9.32	154	2160329	45.313	ng		98
47) 2-Chloronaphthalene	9.35	162	1684654	45.142	ng		98
48) 2-Nitroaniline	9.44	65	469025	55.797	ng		91
49) Acenaphthylene	9.76	152	2600898	47.758	ng		99
50) Dimethylphthalate	9.62	163	2324462	55.901	ng		100
51) 2,6-Dinitrotoluene	9.68	165	466219	56.144	ng	#	86
52) Acenaphthene	9.93	154	1504289	45.146	ng		100
53) 3-Nitroaniline	9.85	138	237157	25.539	ng	#	96
54) 2,4-Dinitrophenol	9.96	184	200519	76.146	ng		95
55) Dibenzofuran	10.10	168	2258695	44.824	ng		97
56) 4-Nitrophenol	10.03	139	545896	82.092	ng		99
57) 2,4-Dinitrotoluene	10.09	165	581497	53.926	ng		90
58) Fluorene	10.44	166	1728506	45.911	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	460445	52.307	ng		100
60) Diethylphthalate	10.32	149	1946327	47.952	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	865339	42.595	ng		94
62) 4-Nitroaniline	10.47	138	373226	40.476	ng		95
63) Azobenzene	10.60	77	1661967	42.757	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	183888	46.595	ng		89
66) n-Nitrosodiphenylamine	10.56	169	1583869	50.227	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	544908	49.181	ng		93
68) Hexachlorobenzene	11.00	284	560028	46.923	ng	#	92
69) Atrazine	11.08	200	501795	49.313	ng		96
70) Pentachlorophenol	11.20	266	471905	82.065	ng		98
71) Phenanthrene	11.41	178	2350993	48.974	ng		99
72) Anthracene	11.46	178	2310882	47.521	ng		99
73) Carbazole	11.62	167	1938774	39.799	ng		98
74) Di-n-butylphthalate	11.94	149	2571165	46.922	ng		99
75) Fluoranthene	12.60	202	2153886	42.496	ng		99
77) Benzidine	12.71	184	332063	15.671	ng		95
78) Pyrene	12.83	202	2122798	50.662	ng		99
80) Butylbenzylphthalate	13.44	149	935421	50.887	ng		99
81) Benzo(a)anthracene	14.02	228	1808818	49.672	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	444251	32.576	ng		99
83) Chrysene	14.05	228	1711721	49.677	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1366335	51.863	ng		100
85) Di-n-octyl phthalate	14.61	149	2095088	51.614	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1726444	54.309	ng		98
88) Benzo(b)fluoranthene	15.07	252	2015745	53.489	ng		99
89) Benzo(k)fluoranthene	15.10	252	1645220	45.106	ng		99
90) Benzo(a)pyrene	15.44	252	1788852	51.761	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1439264	46.889	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1346762	44.536	ng		99

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

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