Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116330.D
Acq On : 16 Aug 2019 21:00
Operator : HP/JU
Sample : K4227-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-I-(0-1)-COMPMS

Quant Time: Aug 17 03:10:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154731	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	604614	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	317445	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	529127	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	357682	20.00	ng		-0.03
87) Perylene-d12	15.44	264	332839	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1077184	116.54	ng		0.00
7) Phenol-d6	6.47	99	1289619	110.59	ng		-0.02
23) Nitrobenzene-d5	7.39	82	975936	93.17	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	406422	132.05	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	1610700	95.04	ng		-0.03
79) Terphenyl-d14	12.92	244	1704109	100.39	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	159105	34.074	ng	#	85
3) Pyridine	3.50	79	274470	21.042	ng		99
4) n-Nitrosodimethylamine	3.42	42	191174	37.139	ng		97
6) Aniline	6.50	93	164944	9.877	ng	#	78
8) 2-Chlorophenol	6.62	128	441587	43.205	ng		100
9) Benzaldehyde	6.38	77	147593	18.343	ng		95
10) Phenol	6.48	94	483551	35.212	ng		80
11) bis(2-Chloroethyl)ether	6.56	93	450686	44.639	ng		97
12) 1,3-Dichlorobenzene	6.76	146	480606	40.688	ng		98
13) 1,4-Dichlorobenzene	6.83	146	493691	41.743	ng		100
14) 1,2-Dichlorobenzene	6.99	146	448311	41.166	ng		99
15) Benzyl Alcohol	6.97	79	358943	40.559	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	568758	41.300	ng		70
17) 2-Methylphenol	7.09	107	369296	42.672	ng	#	92
18) Hexachloroethane	7.33	117	182132	41.827	ng		94
19) n-Nitroso-di-n-propylamine	7.24	70	318862	44.125	ng		99
20) 3+4-Methylphenols	7.24	107	463776	45.284	ng		99
22) Acetophenone	7.23	105	629859	47.501	ng		96
24) Nitrobenzene	7.40	77	514547	45.495	ng		100
25) Isophorone	7.65	82	941458	47.006	ng		99
26) 2-Nitrophenol	7.72	139	252310	47.326	ng		96
27) 2,4-Dimethylphenol	7.76	122	411999	51.366	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	583158	46.976	ng		99
29) 2,4-Dichlorophenol	7.97	162	405050	47.828	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	428273	44.363	ng		99
31) Naphthalene	8.12	128	1328592	46.696	ng		100
32) Benzoic acid	7.93	122	183343	32.422	ng		96
33) 4-Chloroaniline	8.19	127	97220	7.648	ng		97
34) Hexachlorobutadiene	8.23	225	240585	43.267	ng		99
35) Caprolactam	8.57	113	89866	32.809	ng	#	86
36) 4-Chloro-3-methylphenol	8.67	107	417351	47.370	ng		97
37) 2-Methylnaphthalene	8.81	142	869807	46.419	ng		100
38) 1-Methylnaphthalene	8.91	142	824374	46.504	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	402355	47.411	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	209224	56.773 ng		99
43) 2,4,6-Trichlorophenol	9.10	196	260597	44.612 ng		98
44) 2,4,5-Trichlorophenol	9.15	196	269724	44.669 ng		98
46) 1,1'-Biphenyl	9.27	154	1075178	47.974 ng		98
47) 2-Chloronaphthalene	9.30	162	848827	45.506 ng		98
48) 2-Nitroaniline	9.40	65	270205	43.825 ng		94
49) Acenaphthylene	9.72	152	1235360	45.396 ng		99
50) Dimethylphthalate	9.57	163	1005130	46.503 ng		100
51) 2,6-Dinitrotoluene	9.65	165	221906	47.242 ng		92
52) Acenaphthene	9.89	154	767659	45.982 ng		98
53) 3-Nitroaniline	9.82	138	99803	17.196 ng		97
54) 2,4-Dinitrophenol	9.94	184	146712	63.225 ng		99
55) Dibenzofuran	10.06	168	1056222	43.504 ng		97
56) 4-Nitrophenol	10.00	139	248865	66.935 ng		96
57) 2,4-Dinitrotoluene	10.06	165	260852	41.710 ng	#	88
58) Fluorene	10.40	166	882139	47.226 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	252760	49.755 ng		97
60) Diethylphthalate	10.27	149	939793	46.571 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	447672	47.322 ng		97
62) 4-Nitroaniline	10.44	138	212699	35.461 ng		99
63) Azobenzene	10.55	77	981711	47.297 ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	117522	41.912 ng		96
66) n-Nitrosodiphenylamine	10.51	169	799417	50.195 ng		99
67) 4-Bromophenyl-phenylether	10.88	248	276245	48.770 ng		97
68) Hexachlorobenzene	10.96	284	306616	46.813 ng		99
69) Atrazine	11.04	200	252076	48.112 ng		99
70) Pentachlorophenol	11.16	266	247116	77.711 ng		97
71) Phenanthrene	11.37	178	1277418	47.224 ng		100
72) Anthracene	11.42	178	1321531	48.273 ng		99
73) Carbazole	11.57	167	1192260	48.004 ng		99
74) Di-n-butylphthalate	11.89	149	1435691	49.552 ng		99
75) Fluoranthene	12.56	202	1306553	46.137 ng		99
78) Pyrene	12.78	202	1338726	49.651 ng		99
80) Butylbenzylphthalate	13.39	149	587384	51.501 ng		98
81) Benzo(a)anthracene	13.97	228	1079079	47.200 ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	150605	18.962 ng		100
83) Chrysene	14.01	228	1043830	47.030 ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	794386	53.598 ng		99
85) Di-n-octyl phthalate	14.55	149	1227640	52.148 ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	944471	50.665 ng		99
88) Benzo(b)fluoranthene	15.02	252	888803	46.183 ng		99
89) Benzo(k)fluoranthene	15.04	252	946433	50.490 ng		99
90) Benzo(a)pyrene	15.38	252	877173	50.987 ng		99
91) Dibenzo(a,h)anthracene	16.90	278	797233	53.536 ng		99
92) Benzo(g,h,i)perylene	17.34	276	798531	54.600 ng		99

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

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