Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118415.D
Acq On : 31 Dec 2019 19:51
Operator : JU
Sample : K6114-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Manual Integrations APPROVED
mohammad
1/2/2020 11:50:10 AM

Quant Time: Jan 01 03:01:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86077	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	359370	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	189912	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	350958	20.00	ng		0.00
76) Chrysene-d12	14.06	240	205044	20.00	ng		0.00
87) Perylene-d12	15.55	264	224094	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	653625	129.62	ng		0.03
7) Phenol-d6	6.50	99	742162	118.64	ng		0.02
23) Nitrobenzene-d5	7.43	82	565499	90.00	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	332702	141.86	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1244968	100.07	ng		0.00
79) Terphenyl-d14	12.99	244	1281410	103.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	63977	31.915	ng	#	83
3) Pyridine	3.52	79	126755	23.733	ng		97
4) n-Nitrosodimethylamine	3.44	42	103452	46.850	ng	#	71
6) Aniline	6.52	93	73328	9.231	ng	#	15
8) 2-Chlorophenol	6.65	128	270460	47.357	ng		93
9) Benzaldehyde	6.41	77	146283	39.886	ng		95
10) Phenol	6.52	94	253520	36.058	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	234755	46.687	ng		99
12) 1,3-Dichlorobenzene	6.80	146	256300	38.967	ng		99
13) 1,4-Dichlorobenzene	6.87	146	257025	38.472	ng		95
14) 1,2-Dichlorobenzene	7.03	146	254737	40.386	ng		99
15) Benzyl Alcohol	7.00	79	241919	50.792	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	233062	43.437	ng	#	41
17) 2-Methylphenol	7.12	107	204637	44.674	ng	#	87
18) Hexachloroethane	7.36	117	93195	38.008	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	192637	49.988	ng		96
20) 3+4-Methylphenols	7.27	107	270377	46.119	ng		92
22) Acetophenone	7.27	105	385735	43.795	ng		96
24) Nitrobenzene	7.45	77	277634	44.110	ng		97
25) Isophorone	7.68	82	493590	45.075	ng		96
26) 2-Nitrophenol	7.76	139	145695	43.702	ng	#	87
27) 2,4-Dimethylphenol	7.80	122	220582	48.495	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	298326	41.657	ng		99
29) 2,4-Dichlorophenol	8.01	162	231792	44.274	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	252100	41.337	ng		98
31) Naphthalene	8.16	128	812645	44.491	ng		100
32) Benzoic acid	7.95	122	117796	32.718	ng		95
33) 4-Chloroaniline	8.22	127	53448	6.826	ng		97
34) Hexachlorobutadiene	8.27	225	145274	40.017	ng		97
35) Caprolactam	8.60	113	59258m	36.255	ng		
36) 4-Chloro-3-methylphenol	8.72	107	252232	44.873	ng		100
37) 2-Methylnaphthalene	8.86	142	589696	47.154	ng		98
38) 1-Methylnaphthalene	8.96	142	558765	47.425	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	260731	45.694	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	88660	41.768	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	172138	45.157	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	186135	47.466	ng		98
46) 1,1'-Biphenyl	9.32	154	713817	47.521	ng		99
47) 2-Chloronaphthalene	9.35	162	543348	44.944	ng		99
48) 2-Nitroaniline	9.45	65	164436	48.155	ng		91
49) Acenaphthylene	9.77	152	848341	47.315	ng		99
50) Dimethylphthalate	9.62	163	695296	48.774	ng		99
51) 2,6-Dinitrotoluene	9.70	165	150186	48.867	ng		93
52) Acenaphthene	9.94	154	492304	45.078	ng		99
53) 3-Nitroaniline	9.87	138	47377	13.134	ng		91
54) 2,4-Dinitrophenol	9.99	184	92486	61.000	ng		92
55) Dibenzofuran	10.12	168	787677	48.812	ng		98
56) 4-Nitrophenol	10.05	139	166021	74.553	ng		97
57) 2,4-Dinitrotoluene	10.11	165	202162	49.227	ng	#	80
58) Fluorene	10.46	166	612696	47.034	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	159079	47.743	ng		97
60) Diethylphthalate	10.33	149	721148	51.134	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	311948	47.970	ng		98
62) 4-Nitroaniline	10.49	138	127482	34.019	ng		93
63) Azobenzene	10.61	77	595123	49.265	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	71067	37.536	ng		82
66) n-Nitrosodiphenylamine	10.57	169	542820	48.259	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	195240	47.536	ng		99
68) Hexachlorobenzene	11.01	284	204355	42.270	ng		95
69) Atrazine	11.10	200	190062	54.749	ng		98
70) Pentachlorophenol	11.22	266	167915	80.198	ng		99
71) Phenanthrene	11.43	178	864151	45.167	ng		99
72) Anthracene	11.48	178	917876	47.930	ng		99
73) Carbazole	11.63	167	767515	45.167	ng		99
74) Di-n-butylphthalate	11.96	149	1144016	53.096	ng		100
75) Fluoranthene	12.62	202	841433	43.578	ng		98
77) Benzidine	12.74	184	140388	24.987	ng		97
78) Pyrene	12.85	202	816102	48.740	ng		100
80) Butylbenzylphthalate	13.46	149	360535	47.822	ng		98
81) Benzo(a)anthracene	14.04	228	625786	43.601	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	154446	31.738	ng		99
83) Chrysene	14.09	228	523362	38.083	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	590943	59.610	ng		98
85) Di-n-octyl phthalate	14.63	149	855454	58.663	ng		99
86) Indeno(1,2,3-cd)pyrene	17.08	276	530187	45.278	ng		99
88) Benzo(b)fluoranthene	15.12	252	608158	40.884	ng		99
89) Benzo(k)fluoranthene	15.14	252	578194	40.481	ng		98
90) Benzo(a)pyrene	15.49	252	540084	41.215	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	468786	41.225	ng		99
92) Benzo(g,h,i)perylene	17.53	276	439248	39.987	ng		100

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

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