Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119724.D
Acq On : 3 Apr 2020 17:29
Operator : MA/SJ
Sample : L2101-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:48 PM

Quant Time: Apr 03 18:21:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211538	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	822934	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	427151	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	813773	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	581892	20.00	ng		-0.02
87) Perylene-d12	15.43	264	532256	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1846630	138.97	ng		0.02
7) Phenol-d6	6.45	99	2158316	127.15	ng		0.00
23) Nitrobenzene-d5	7.37	82	1563877	103.28	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	725536	164.64	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2898731	100.54	ng		0.00
79) Terphenyl-d14	12.93	244	3261517	109.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	275799	42.023	ng	#	83
3) Pyridine	3.45	79	452210	25.011	ng		92
4) n-Nitrosodimethylamine	3.36	42	393124	44.586	ng		88
6) Aniline	6.47	93	236963	10.115	ng		96
8) 2-Chlorophenol	6.59	128	805951	57.747	ng		97
9) Benzaldehyde	6.35	77	211125	19.606	ng		99
10) Phenol	6.46	94	846371	46.728	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	801208	55.308	ng		98
12) 1,3-Dichlorobenzene	6.75	146	797024	52.765	ng		99
13) 1,4-Dichlorobenzene	6.82	146	807017	53.413	ng		99
14) 1,2-Dichlorobenzene	6.97	146	744971	52.751	ng		99
15) Benzyl Alcohol	6.95	79	654995	51.296	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1325173	45.352	ng		97
17) 2-Methylphenol	7.06	107	639586	50.017	ng		97
18) Hexachloroethane	7.32	117	303923	54.890	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	549394	53.696	ng		97
20) 3+4-Methylphenols	7.22	107	773774	49.375	ng	#	83
22) Acetophenone	7.22	105	1060737	53.944	ng	#	89
24) Nitrobenzene	7.39	77	834871	51.592	ng		96
25) Isophorone	7.63	82	1561146	50.825	ng		99
26) 2-Nitrophenol	7.70	139	442616	69.468	ng		94
27) 2,4-Dimethylphenol	7.75	122	718496	54.536	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	970863	53.452	ng		100
29) 2,4-Dichlorophenol	7.95	162	674558	55.724	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	706307	52.759	ng		98
31) Naphthalene	8.12	128	2306504	54.464	ng		99
32) Benzoic acid	7.88	122	546557m	64.493	ng		
33) 4-Chloroaniline	8.16	127	95826	4.938	ng		97
34) Hexachlorobutadiene	8.23	225	394225	52.631	ng		98
35) Caprolactam	8.54	113	173669m	43.836	ng		
36) 4-Chloro-3-methylphenol	8.65	107	723041	54.649	ng		99
37) 2-Methylnaphthalene	8.80	142	1542671	55.505	ng		99
38) 1-Methylnaphthalene	8.90	142	1457026	55.386	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	648155	51.769	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	760387	106.828 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	549245	61.302 ng		100
44) 2,4,5-Trichlorophenol	9.13	196	476872	47.512 ng		98
46) 1,1'-Biphenyl	9.27	154	1813719	52.134 ng		99
47) 2-Chloronaphthalene	9.30	162	1429696	52.464 ng		98
48) 2-Nitroaniline	9.39	65	509869	54.207 ng		97
49) Acenaphthylene	9.72	152	2232847	52.177 ng		99
50) Dimethylphthalate	9.58	163	1448494	47.741 ng		100
51) 2,6-Dinitrotoluene	9.64	165	390998	60.123 ng		94
52) Acenaphthene	9.89	154	1587058m	59.489 ng		
53) 3-Nitroaniline	9.80	138	111286	13.554 ng		100
54) 2,4-Dinitrophenol	9.92	184	458211	155.301 ng		98
55) Dibenzofuran	10.06	168	2027601	53.010 ng		100
56) 4-Nitrophenol	9.97	139	608444	93.940 ng		95
57) 2,4-Dinitrotoluene	10.05	165	519031	63.355 ng		90
58) Fluorene	10.40	166	1542085	54.519 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	413889	55.167 ng		98
60) Diethylphthalate	10.28	149	1700028	55.206 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	731456	52.882 ng		98
62) 4-Nitroaniline	10.43	138	368737	46.834 ng		91
63) Azobenzene	10.55	77	1599721	51.587 ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	293772	86.090 ng		93
66) n-Nitrosodiphenylamine	10.52	169	1363578	51.042 ng		99
67) 4-Bromophenyl-phenylether	10.89	248	488802	52.742 ng		92
68) Hexachlorobenzene	10.95	284	529621	55.835 ng		93
69) Atrazine	11.04	200	327513	44.718 ng		99
70) Pentachlorophenol	11.15	266	608714	109.445 ng		98
71) Phenanthrene	11.36	178	2303104	54.581 ng		100
72) Anthracene	11.42	178	2303095	53.703 ng		99
73) Carbazole	11.57	167	2110101	49.710 ng		99
74) Di-n-butylphthalate	11.90	149	2599652	57.250 ng		99
75) Fluoranthene	12.55	202	2471738	54.126 ng		99
77) Benzidine	12.67	184	58869	2.391 ng		99
78) Pyrene	12.78	202	2499610	52.342 ng		99
80) Butylbenzylphthalate	13.40	149	1106467	57.286 ng		98
81) Benzo(a)anthracene	13.97	228	1951280	51.567 ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	199091	13.344 ng	#	99
83) Chrysene	14.01	228	2034301	52.092 ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1411117	61.286 ng		98
85) Di-n-octyl phthalate	14.57	149	2548333	62.931 ng		98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1965802	53.449 ng		99
88) Benzo(b)fluoranthene	15.02	252	2085271	58.650 ng		99
89) Benzo(k)fluoranthene	15.04	252	1836952	54.259 ng		99
90) Benzo(a)pyrene	15.37	252	1753059	54.255 ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1616000	57.180 ng		100
92) Benzo(g,h,i)perylene	17.32	276	1610505	56.723 ng		97

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

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