Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119985.D
Acq On : 15 Apr 2020 11:25
Operator : MA/SJ
Sample : L2225-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:34 PM

Quant Time: Apr 15 12:02:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190011	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	737429	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	387326	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	730796	20.00	ng		0.00
76) Chrysene-d12	13.90	240	495989	20.00	ng		0.00
87) Perylene-d12	15.32	264	379501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1551138	141.08	ng		0.02
7) Phenol-d6	6.37	99	1845768	130.28	ng		0.00
23) Nitrobenzene-d5	7.30	82	1334830	93.64	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	584176	123.19	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2530435	92.76	ng		0.00
79) Terphenyl-d14	12.85	244	2743024	93.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	241312	49.276	ng	#	81
3) Pyridine	3.25	79	400970	29.843	ng		97
4) n-Nitrosodimethylamine	3.18	42	341202	49.703	ng		91
6) Aniline	6.39	93	250164	13.453	ng	#	61
8) 2-Chlorophenol	6.52	128	699394	56.932	ng		99
9) Benzaldehyde	6.27	77	180991	18.237	ng		99
10) Phenol	6.39	94	742858	46.218	ng		89
11) bis(2-Chloroethyl)ether	6.47	93	684445	55.152	ng		99
12) 1,3-Dichlorobenzene	6.67	146	713435	53.046	ng		100
13) 1,4-Dichlorobenzene	6.75	146	715242	52.206	ng		99
14) 1,2-Dichlorobenzene	6.90	146	661808	52.416	ng		99
15) Benzyl Alcohol	6.87	79	539663	49.043	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1167486	48.345	ng		95
17) 2-Methylphenol	6.99	107	561845	51.248	ng		99
18) Hexachloroethane	7.24	117	274058	53.525	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	488282	53.596	ng		96
20) 3+4-Methylphenols	7.15	107	658876	49.139	ng		95
22) Acetophenone	7.15	105	932243	53.986	ng	#	99
24) Nitrobenzene	7.32	77	731365	51.004	ng		99
25) Isophorone	7.56	82	1380645	50.245	ng		99
26) 2-Nitrophenol	7.63	139	383590	53.544	ng		92
27) 2,4-Dimethylphenol	7.67	122	586788	54.309	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	863943	53.431	ng		100
29) 2,4-Dichlorophenol	7.87	162	577280	52.125	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	629794	50.188	ng		98
31) Naphthalene	8.03	128	1977455	50.968	ng		99
32) Benzoic acid	7.82	122	446698	47.075	ng		98
33) 4-Chloroaniline	8.09	127	106851	6.326	ng		96
34) Hexachlorobutadiene	8.15	225	360039	47.930	ng		98
35) Caprolactam	8.47	113	149777m	44.211	ng		
36) 4-Chloro-3-methylphenol	8.58	107	633684	52.849	ng		96
37) 2-Methylnaphthalene	8.73	142	1370458	52.101	ng		99
38) 1-Methylnaphthalene	8.83	142	1273199	51.354	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	583270	47.678	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	733714	105.474	ng		96
43) 2,4,6-Trichlorophenol	9.01	196	439076	51.976	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	470010	49.399	ng		94
46) 1,1'-Biphenyl	9.20	154	1628988	49.828	ng		100
47) 2-Chloronaphthalene	9.22	162	1275526	50.647	ng		97
48) 2-Nitroaniline	9.32	65	446024	48.871	ng		98
49) Acenaphthylene	9.63	152	1972255	51.494	ng		99
50) Dimethylphthalate	9.50	163	1515875	50.598	ng		100
51) 2,6-Dinitrotoluene	9.56	165	340132	51.845	ng		91
52) Acenaphthene	9.80	154	1212208	47.446	ng		100
53) 3-Nitroaniline	9.73	138	95879	12.796	ng		90
54) 2,4-Dinitrophenol	9.84	184	436842	111.218	ng		92
55) Dibenzofuran	9.98	168	1749695	49.906	ng		99
56) 4-Nitrophenol	9.90	139	479141	85.945	ng		97
57) 2,4-Dinitrotoluene	9.97	165	435410	50.374	ng		94
58) Fluorene	10.32	166	1358049	48.434	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	384649	52.859	ng		98
60) Diethylphthalate	10.20	149	1540719	49.620	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	651813	45.356	ng		98
62) 4-Nitroaniline	10.35	138	288431	40.393	ng		97
63) Azobenzene	10.47	77	1446114	51.968	ng		98
65) 4,6-Dinitro-2-methylphenol	10.38	198	271885	56.472	ng		95
66) n-Nitrosodiphenylamine	10.44	169	1057882	43.527	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	420200	46.236	ng		97
68) Hexachlorobenzene	10.87	284	454336	49.279	ng		98
69) Atrazine	10.96	200	250322	37.018	ng		96
70) Pentachlorophenol	11.06	266	506481	95.328	ng		100
71) Phenanthrene	11.28	178	1976885	50.828	ng		98
72) Anthracene	11.33	178	2060905	51.870	ng		100
73) Carbazole	11.49	167	1624930	43.247	ng		100
74) Di-n-butylphthalate	11.83	149	2422173	49.038	ng		99
75) Fluoranthene	12.47	202	2170654	51.724	ng		98
78) Pyrene	12.70	202	2160753	51.677	ng		99
80) Butylbenzylphthalate	13.32	149	1017062	50.129	ng		100
81) Benzo(a)anthracene	13.89	228	1626294	49.842	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	104384	8.574	ng		99
83) Chrysene	13.93	228	1721453	51.923	ng		98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1270406	46.238	ng		99
85) Di-n-octyl phthalate	14.50	149	2243847	47.964	ng		98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1358687	46.490	ng		97
88) Benzo(b)fluoranthene	14.92	252	1544163	56.562	ng		98
89) Benzo(k)fluoranthene	14.94	252	1428815	60.658	ng		98
90) Benzo(a)pyrene	15.26	252	1288390	56.129	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	1136276	55.885	ng		98
92) Benzo(g,h,i)perylene	17.13	276	1104426	55.028	ng	#	95

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

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